



REPORTS, BUSINESS RULES AND CORRECTIVE ACTIONS

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EFSA _ DATA COLLECTION

The screenshot shows a web browser window with the URL <https://www.efsa.europa.eu/en/data-tools>. The page title is "Data reports". Below the title, there is a paragraph: "The collection of accurate, up-to-date and comparable data is a prerequisite for well-informed *risk assessment* and *risk management* decisions." Below this paragraph, there are four dashboard cards, each with a header image and a description:

- EFSA Data Providers**: This dashboard lists the data providers who submitted data to the data collection system of EFSA. (Image: EFSA logo over a map of Europe)
- Chemical contaminants – data from EFSA grants and contracts (2014-2015)**: This dashboard describes the data reported to EFSA in the remit of specific grants and contract activities. (Image: Infographic showing "HERE ARE CONSUMERS & ANIMALS PROTECTED" and a flow from "DATA COLLECTION" to "RISK ASSESSMENT" to "RISK MANAGEMENT")
- Database on the taxonomical identification and potential toxigenic capacities of non-QPS**: This database contains the results of a review on the taxonomical description and potential toxigenic capacities of microorganisms used for feed additives and food enzymes. (Image: Microscopic view of yellowish spherical microorganisms)
- Pesticide residues (2015-2016-2017-2018-2019)**: This dashboard describes the data reported to EFSA as part of pesticides monitoring activities. (Image: A person in a white lab coat and gloves working with a grid of samples)

At the bottom of the cards, there is a "See all >" button.

EFSA _ CALLS FOR DATA

The screenshot shows the EFSA website with the following elements:

- Top navigation: Other sites, EFSA, Open EFSA, EFSA Journal, Connect.
- Logo: efsa EUROPEAN FOOD SAFETY AUTHORITY.
- Language: EN English.
- Search bar: Search news, topics, publications, events...
- Menu: About, Newsroom, Topics, Resources, Publications, Applications, Engage, Calendar.
- Breadcrumbs: Home / Calls for data / Call for continuous collection of chemical contaminants occurrence data in food and feed.
- Section Header: **Call for continuous collection of chemical contaminants occurrence data in food and feed**
- Metadata: **Published:** 8 March 2023 **Deadline:** 31 August 2023 - 23:59 (CEST) **Ongoing** Share: [Twitter] [Facebook] [LinkedIn]
- Contents: Documents, Related topic(s).
- Background section: In the receive... availab... data a... feed.

- EFSA will only accept data in SSD2 format;
- Data must be submitted in electronic format (XML) to the EFSA Data Collection Framework (DCF).

DATA REPORTING

- INSA, IP gathers, harmonises and transmits to EFSA data on contaminants and additives of the Portuguese official control plans and of studies performed in INSA, IP laboratories.

Entities involved / Domains / Matrices:

ASAE | Chemical Contaminants & Additives | Food (*Official Control*)

DGAV | Chemical Contaminants | Food & Feed (*Official Control*)

INSA, IP | Chemical Contaminants | Food (*Studies*)

EXCEL DATA FILE

- Example of a chemical contaminants data file sent by a National (Portuguese) Authority

	A	N	O	S	X	AC	AE	AF	AJ	AK
1	Cod_amostra	Identificação_produto	Data_colheita	País_Origem	Parâmetro	Técnica	Unidades	Resultado	LOD	LOQ
2	0001A0502F22	Cerveja Artesanal	08/07/2022	Portugal	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
4	0001A3051C22	Broa de milho de Lamego	05/01/2022	Portugal	Soma de Fumonisinas B1 e B2 (LFQ)	HPLC-FD	µg/kg	80	12	35
5	0001A3051C22	Broa de milho de Lamego	05/01/2022	Portugal	Fumonisina B1 (LFQ)	HPLC-FD	µg/kg	80	12	35
6	0001A3051C22	Broa de milho de Lamego	05/01/2022	Portugal	Fumonisina B2 (LFQ)	HPLC-FD	µg/kg	< 34 (LQ)	11	34
8	0001A3148C22	Cerveja	25/01/2022	Desconhecido	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
9	0001A3459P22	Vinho Tinto	10/01/2022	Espanha	Dióxido de enxofre total (LBPV)	Unspecified - Continue Flux Analyse (CFA)	mg/l	105	9	29
10	0002A0502F22	Cerveja Artesanal	08/07/2022	Portugal	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
12	0002A3051C22	Broa especial de milho	05/01/2022	Portugal	Fumonisina B1 (LFQ)	HPLC-FD	µg/kg	46	12	35
13	0002A3051C22	Broa especial de milho	05/01/2022	Portugal	Fumonisina B2 (LFQ)	HPLC-FD	µg/kg	< 34 (LQ)	11	34
14	0002A3051C22	Broa especial de milho	05/01/2022	Portugal	Soma de Fumonisinas B1 e B2 (LFQ)	HPLC-FD	µg/kg	46	12	35
15	0002A3068C22	Choco pequeno limpo	02/09/2022	Desconhecido	Cádmio (LFQ)	AAS	mg/kg	0,4	0.01	0.02
16	0002A3148C22	Cerveja	25/01/2022	Bélgica	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
17	0003A0502F22	Cerveja Artesanal	08/07/2022	Portugal	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
19	0003A3051C22	Broa de milho branco	05/01/2022	Portugal	Fumonisina B1 (LFQ)	HPLC-FD	µg/kg	76	12	35
20	0003A3051C22	Broa de milho branco	05/01/2022	Portugal	Fumonisina B2 (LFQ)	HPLC-FD	µg/kg	< 34 (LQ)	11	34
21	0003A3051C22	Broa de milho branco	05/01/2022	Portugal	Soma de Fumonisinas B1 e B2 (LFQ)	HPLC-FD	µg/kg	76	12	35
22	0003A3148C22	Vinho Branco Palmela DOC	25/01/2022	Portugal	Dióxido de enxofre total (LBPV)	Unspecified - Continue Flux Analyse (CFA)	mg/l	132	9	29
24	0004A0502F22	Cerveja Artesanal	12/07/2022	Portugal	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
25	0004A3148C22	Cerveja	26/01/2022	União Europeia	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
26	0004A3272P22	Vinho Branco	12/01/2022	Espanha	Dióxido de enxofre total (LBPV)	Unspecified - Continue Flux Analyse (CFA)	mg/l	137	9	29
27	0004A3276F22	Arroz agulha	31/10/2022	Portugal	Ocratoxina A (LFQ)	HPLC-FD	µg/kg	< 0,1 (LD)	0.1	0.3
28	0005A0502F22	Cerveja Artesanal	05/07/2022	Portugal	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
29	0005A3148C22	Cerveja	26/01/2022	Portugal	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
30	0005A3272P22	Vinagre de vinho branco	12/01/2022	Portugal	Dióxido de enxofre Total-Vinagres(LBPV)	Volumetric tests	mg/l	66	3	10
31	0005A3276F22	Pimentão Doce	31/10/2022	Portugal	Ocratoxina A (LFQ)	HPLC-FD	µg/kg	4,6	0.1	0.3
32	0005A3459P22	Vinho Tinto	13/01/2022	Espanha	Dióxido de enxofre total (LBPV)	Unspecified - Continue Flux Analyse (CFA)	mg/l	118	9	29

EXCEL DATA FILE

- Example of a chemical contaminants data file sent by a National (Portuguese) Authority

	A	N	O	S	X	AC	AE	AF	AJ	AK
1	Cod_amostra	Identificação_produto	Data_colheita	País_Origem	Parâmetro	Técnica	Unidades	Resultado	LOD	LOQ
2	0001A0502F22	Cerveja Artesanal	08/07/2022	Portugal	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
4	0001A3051C22	Broa de milho de Lamego	05/01/2022	Portugal	Soma de Fumonisinas B1 e B2 (LFQ)	HPLC-FD	µg/kg	80	12	35
5	0001A3051C22	Broa de milho de Lamego	05/01/2022	Portugal	Fumonisina B1 (LFQ)	HPLC-FD	µg/kg	80	12	35
6	0001A3051C22	Broa de milho de Lamego	05/01/2022	Portugal	Fumonisina B2 (LFQ)	HPLC-FD	µg/kg	< 34 (LQ)	11	34
8	0001A3148C22	Cerveja	25/01/2022	Desconhecido	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
9	0001A3459P22	Vinho Tinto	10/01/2022	Espanha	Dióxido de enxofre total (LBPV)	Unspecified - Continue Flux Analyse (CFA)	mg/l	105	9	29
10	0002A0502F22	Cerveja Artesanal	08/07/2022	Portugal	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
12	0002A3051C22	Broa especial de milho	05/01/2022	Portugal	Fumonisina B1 (LFQ)	HPLC-FD	µg/kg	46	12	35
13	0002A3051C22	Broa especial de milho	05/01/2022	Portugal	Fumonisina B2 (LFQ)	HPLC-FD	µg/kg	46	12	34
14	0002A3051C22	Broa especial de milho	05/01/2022	Portugal	Soma de Fumonisinas B1 e B2 (LFQ)	HPLC-FD	µg/kg	46	12	35
15	0002A3068C22	Choco pequeno limpo	02/09/2022	Desconhecido	Cádmio (LFQ)	HPLC-FD	µg/kg	0,4	0,01	0,02
16	0002A3148C22	Cerveja	25/01/2022	Bélgica	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
17	0003A0502F22	Cerveja Artesanal	08/07/2022	Portugal	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
19	0003A3051C22	Broa de milho branco	05/01/2022	Portugal	Fumonisina B1 (LFQ)	HPLC-FD	µg/kg	76	12	35
20	0003A3051C22	Broa de milho branco	05/01/2022	Portugal	Fumonisina B2 (LFQ)	HPLC-FD	µg/kg	< 34 (LQ)	11	34
21	0003A3051C22	Broa de milho branco	05/01/2022	Portugal	Soma de Fumonisinas B1 e B2 (LFQ)	HPLC-FD	µg/kg	76	12	35
23	0003A3148C22	Vinho Branco Palmela 2012	08/07/2022	Portugal	Dióxido de enxofre total (LBPV)	Unspecified - Continue Flux Analyse (CFA)	mg/l	132	9	29
24	0004A0502F22	Cerveja Artesanal	08/07/2022	Portugal	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
25	0004A3148C22	Cerveja	26/01/2022	União Europeia	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
26	0004A3276F22	Vinho Branco	12/01/2022	Espanha	Dióxido de enxofre total (LBPV)	Unspecified - Continue Flux Analyse (CFA)	mg/l	137	9	29
27	0004A3276F22	Arroz agulha	31/10/2022	Portugal	Ocratoxina A (LFQ)	HPLC-FD	µg/kg	< 0,1 (LD)	0,1	0,3
28	0005A0502F22	Cerveja Artesanal	05/07/2022	Portugal	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
29	0005A3148C22	Cerveja	26/01/2022	Portugal	Dióxido de enxofre total (LBPV)	Volumetric tests	mg/l	< 10 (LQ)	3	10
30	0005A3272P22	Vinagre de vinho branco	12/01/2022	Portugal	Dióxido de enxofre Total-Vinagres(LBPV)	Volumetric tests	mg/l	66	3	10
31	0005A3276F22	Pimentão Doce	31/10/2022	Portugal	Ocratoxina A (LFQ)	HPLC-FD	µg/kg	4,6	0,1	0,3
32	0005A3459P22	Vinho Tinto	13/01/2022	Espanha	Dióxido de enxofre total (LBPV)	Unspecified - Continue Flux Analyse (CFA)	mg/l	118	9	29

Not in SSD2 format & without SSD2 controlled terminologies

EXCEL TOOL FLAT FOR DATA COLLECTION

- Example of the **SSD2 Excel tool FLAT** with the same chemical contaminants data:

	J	K	L	M	N	O	P	Q	R	S	T	U
1	sampId	sampCountry	sampY	sampM	sampD	sampIn	sampMatType	sampMatCode	sampMatText	origCountry	origFishA	analysisY
2	0001A0502F22	PT	2022	7	8		S019A	A03MB	Cerveja Artesanal	PT		2022
3	0001A3051C22	PT	2022	1	5		S019A	A0BY0#F04.A002Q	Broa de milho de Lamego	PT		2022
4	0001A3051C22	PT	2022	1	5		S019A	A0BY0#F04.A002Q	Broa de milho de Lamego	PT		2022
5	0001A3051C22	PT	2022	1	5		S019A	A0BY0#F04.A002Q	Broa de milho de Lamego	PT		2022
6	0001A3148C22	PT	2022	1	25		S019A	A03MB	Cerveja	XX		2022
7	0001A3459P22	PT	2022	1	10		S019A	A03MX	Vinho Tinto	ES		2022
8	0002A0502F22	PT	2022	7	8		S019A	A03MB	Cerveja Artesanal	PT		2022
9	0002A3051C22	PT	2022	1	5		S019A	A0BY0#F04.A002Q	Broa especial de milho	PT		2022
10	0002A3051C22	PT	2022	1	5		S019A	A0BY0#F04.A002Q	Broa especial de milho	PT		2022
11	0002A3051C22	PT	2022	1	5		S019A	A0BY0#F04.A002Q	Broa especial de milho	PT		2022
12	0002A3068C22	PT	2022	9	2		S019A	A02JB	Choco pequeno limpo	XX		2022
13	0002A3148C22	PT	2022	1	25		S019A	A03MB	Cerveja	BE		2022
14	0003A0502F22	PT	2022	7	8		S019A	A03MB	Cerveja Artesanal	PT		2022
15	0003A3051C22	PT	2022	1	5		S019A	A0BY0#F04.A002QSF10.A0F2F	Broa de milho branco	PT		2022
16	0003A3051C22	PT	2022	1	5		S019A	A0BY0#F04.A002QSF10.A0F2F	Broa de milho branco	PT		2022
17	0003A3051C22	PT	2022	1	5		S019A	A0BY0#F04.A002QSF10.A0F2F	Broa de milho branco	PT		2022
18	0003A3148C22	PT	2022	1	25		S019A	A03MV	Vinho Branco Palmela DO	PT		2022
19	0004A0502F22	PT	2022	7	12		S019A	A03MB	Cerveja Artesanal	PT		2022
20	0004A3148C22	PT	2022	1	26		S019A	A03MB	Cerveja	EU		2022
21	0004A3272P22	PT	2022	1	12		S019A	A03MV	Vinho Branco	ES		2022
22	0004A3276F22	PT	2022	10	31		S019A	A001D	Arroz agulha	PT		2022
23	0005A0502F22	PT	2022	7	5		S019A	A03MB	Cerveja Artesanal	PT		2022
24	0005A3148C22	PT	2022	1	26		S019A	A03MB	Cerveja	PT		2022
25	0005A3272P22	PT	2022	1	12		S019A	A044M	Vinagre de vinho branco	PT		2022
26	0005A3276F22	PT	2022	10	31		S019A	A019L	Pimentão Doce	PT		2022
27	0005A3459P22	PT	2022	1	13		S019A	A03MX	Vinho Tinto	ES		2022
28	0006A0502F22	PT	2022	7	25		S019A	A03MX	Vinho Tinto Biológico	PT		2022
29	0006A3051C22	PT	2022	1	6		S019A	A0BY0#F04.A002Q	Broa de milho	PT		2022
30	0006A3051C22	PT	2022	1	6		S019A	A0BY0#F04.A002Q	Broa de milho	PT		2022
31	0006A3051C22	PT	2022	1	6		S019A	A0BY0#F04.A002Q	Broa de milho	PT		2022



RUN_XML_CREATION

VALIDATION CHECK

Samples



EXCEL TOOL FLAT FOR DATA COLLECTION

- Example of the **SSD2 Excel tool FLAT** with the same chemical contaminants data:

	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	
1	anMe	anPol	labId	labA	lab	paramType	paramCode	paramText	anMethRefid	anMethType	anMethCode	anMethText	resid
2			LBPV	L001A	PT	P005A	RF-00000116-CHE	Total sulfur	Volumetric tests	AT08A	F005A	Volumetric tests	2203475_5
3			LFQ	L001A	PT	P005A	RF-00001337-PAR	Sum of Fumonisin B1 + B2	HPLC-FD	AT08A	F022A	HPLC-FD	2200126_1
4			LFQ	L001A	PT	P002A	RF-00000177-TOX	Fumonisin B1	HPLC-FD	AT08A	F022A	HPLC-FD	2200126_7
5			LFQ	L001A	PT	P002A	RF-00000178-TOX	Fumonisin B2	HPLC-FD	AT08A	F022A	HPLC-FD	2200126_8
6			LBPV	L001A	PT	P005A	RF-00000116-CHE	Total sulfur	Volumetric tests	AT08A	F005A	Volumetric tests	2200691_3
7			LBPV	L001A	PT	P005A	RF-00000116-CHE	Total sulfur	Unspecified - Continue Flux	AT08A	F598A	Unspecified - Continue	2200583_4
8			LBPV	L001A	PT	P005A	RF-00000116-CHE	Total sulfur	Volumetric tests	AT08A	F005A	Volumetric tests	2203476_9
9			LFQ	L001A	PT	P002A	RF-00000177-TOX	Fumonisin B1	HPLC-FD	AT08A	F022A	HPLC-FD	2200125_11
10			LFQ	L001A	PT	P002A	RF-00000178-TOX	Fumonisin B2	HPLC-FD	AT08A	F022A	HPLC-FD	2200125_12
11			LFQ	L001A	PT	P005A	RF-00001337-PAR	Sum of Fumonisin B1 + B2	HPLC-FD	AT08A	F022A	HPLC-FD	2200125_13
12			LFQ	L001A	PT	P005A	RF-00000150-CHE	Cadmium (Cd)	AAS	AT08A	F052A	AAS	2204249_14
13			LBPV	L001A	PT	P005A	RF-00000116-CHE	Total sulfur	Volumetric tests	AT08A	F005A	Volumetric tests	2200701_15
14			LBPV	L001A	PT	P005A	RF-00000116-CHE	Total sulfur	Volumetric tests	AT08A	F005A	Volumetric tests	2203477_16
15			LFQ	L001A	PT	P002A	RF-00000177-TOX	Fumonisin B1	HPLC-FD	AT08A	F022A	HPLC-FD	2200119_18
16			LFQ	L001A	PT	P002A	RF-00000178-TOX	Fumonisin B2	HPLC-FD	AT08A	F022A	HPLC-FD	2200119_19
17			LFQ	L001A	PT	P005A	RF-00001337-PAR	Sum of Fumonisin B1 + B2	HPLC-FD	AT08A	F022A	HPLC-FD	2200119_20
18			LBPV	L001A	PT	P005A	RF-00000116-CHE	Total sulfur	Unspecified - Continue Flux	AT08A	F598A	Unspecified - Continue	2200702_21
19			LBPV	L001A	PT	P005A	RF-00000116-CHE	Total sulfur	Volumetric tests	AT08A	F005A	Volumetric tests	2203478_23
20			LBPV	L001A	PT	P005A	RF-00000116-CHE	Total sulfur	Volumetric tests	AT08A	F005A	Volumetric tests	2200692_24
21			LBPV	L001A	PT	P005A	RF-00000116-CHE	Total sulfur	Unspecified - Continue Flux	AT08A	F598A	Unspecified - Continue	2200575_25
22			LFQ	L001A	PT	P005A	RF-00000148-TOX	Ochratoxin A	HPLC-FD	AT08A	F022A	HPLC-FD	2204839_26
23			LBPV	L001A	PT	P005A	RF-00000116-CHE	Total sulfur	Volumetric tests	AT08A	F005A	Volumetric tests	2203479_27
24			LBPV	L001A	PT	P005A	RF-00000116-CHE	Total sulfur	Volumetric tests	AT08A	F005A	Volumetric tests	2200674_28
25			LBPV	L001A	PT	P005A	RF-00000115-CHE	Total sulfur present in various forms	Volumetric tests	AT08A	F005A	Volumetric tests	2200562_29
26			LFQ	L001A	PT	P005A	RF-00000148-TOX	Ochratoxin A	HPLC-FD	AT08A	F022A	HPLC-FD	2204840_30
27			LBPV	L001A	PT	P005A	RF-00000116-CHE	Total sulfur	Unspecified - Continue Flux	AT08A	F598A	Unspecified - Continue	2200571_31
28			LBPV	L001A	PT	P005A	RF-00000116-CHE	Total sulfur	Unspecified - Continue Flux	AT08A	F598A	Unspecified - Continue	2203754_32
29			LFQ	L001A	PT	P002A	RF-00000177-TOX	Fumonisin B1	HPLC-FD	AT08A	F022A	HPLC-FD	2200155_33
30			LFQ	L001A	PT	P002A	RF-00000178-TOX	Fumonisin B2	HPLC-FD	AT08A	F022A	HPLC-FD	2200155_34
31			LFQ	L001A	PT	P005A	RF-00001337-PAR	Sum of Fumonisin B1 + B2	HPLC-FD	AT08A	F022A	HPLC-FD	2200155_35

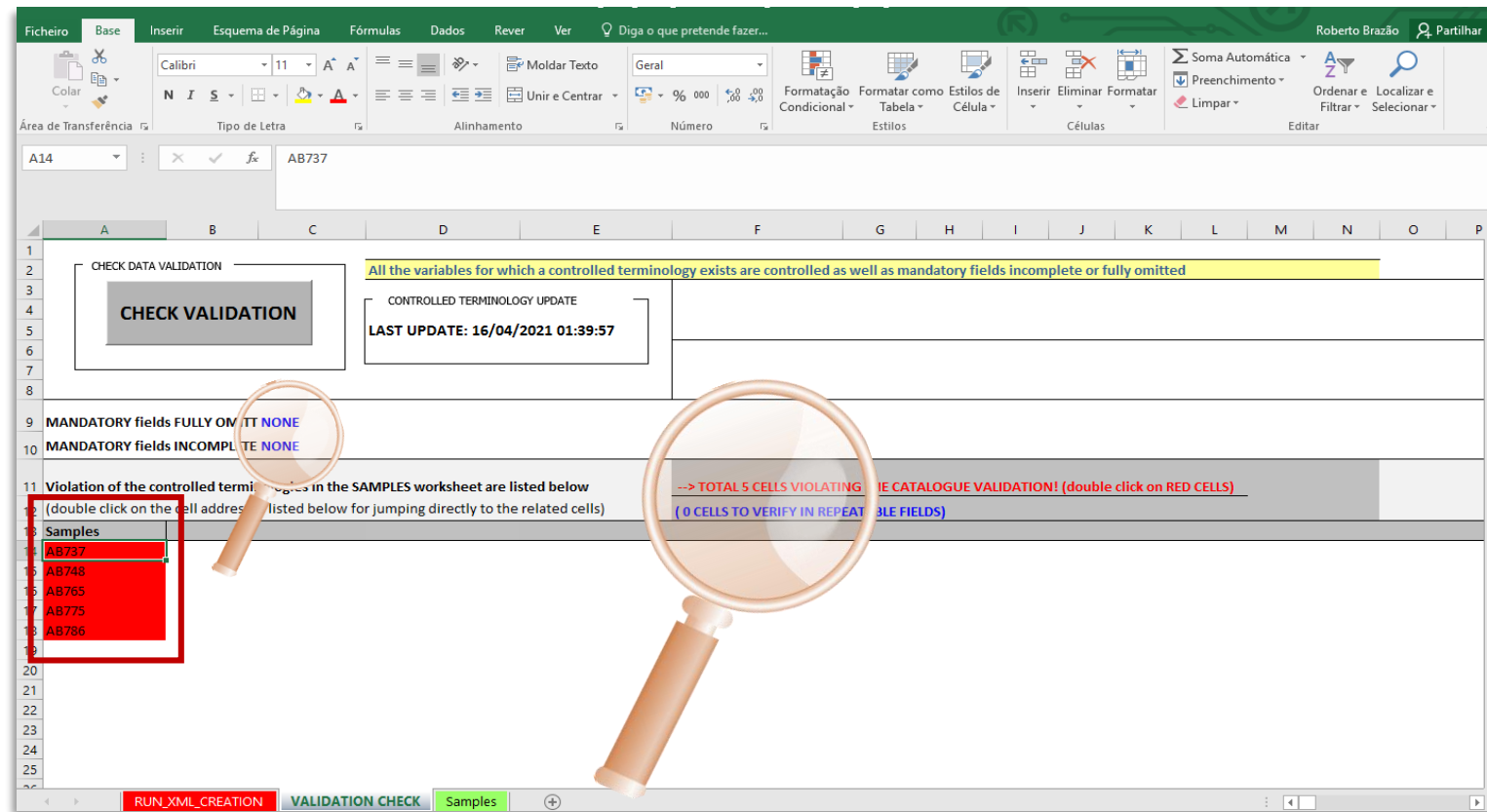
EXCEL TOOL FLAT FOR DATA COLLECTION

- Example of the **SSD2 Excel tool FLAT** with the same chemical contaminants data:

	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA
1	resid	accre	resUnit	resLOD	resLOQ	CCaIph	CCbeta	resVal	resValR	resValRecC	exprRes	exprRe	exprResType	resQu	resType	resValU	resInfo.n	evalLowLim	evalLimitTyp	evalCo
2	2203475_5	V005A	G062A	3	10					N			B001A		LOQ					J002A
3	2200126_1	V001A	G050A	12	35			80		N			B001A		VAL	26				J002A
4	2200126_7	V001A	G050A	12	35			80	84.9	Y			B001A		VAL	26				J002A
5	2200126_8	V001A	G050A	11	34				87.3	Y			B001A		LOQ					J002A
6	2200691_3	V005A	G062A	3	10					N			B001A		LOQ					J002A
7	2200583_4	V001A	G062A	9	29			105		N			B001A		VAL	32				J002A
8	2203476_9	V005A	G062A	3	10					N			B001A		LOQ					J002A
9	2200125_11	V001A	G050A	12	35			46	84.9	Y			B001A		VAL	17				J002A
10	2200125_12	V001A	G050A	11	34				87.3	Y			B001A		LOQ					J002A
11	2200125_13	V001A	G050A	12	35			46		N			B001A		VAL	17				J002A
12	2204249_14	V001A	G061A	0.01	0.02			0.4		N			B001A		VAL	0.1				J002A
13	2200701_15	V005A	G062A	3	10					N			B001A		LOQ					J002A
14	2203477_16	V005A	G062A	3	10					N			B001A		LOQ					J002A
15	2200119_18	V001A	G050A	12	35			76	84.9	Y			B001A		VAL	25				J002A
16	2200119_19	V001A	G050A	11	34				87.3	Y			B001A		LOQ					J002A
17	2200119_20	V001A	G050A	12	35			76		N			B001A		VAL	25				J002A
18	2200702_21	V001A	G062A	9	29			132		N			B001A		VAL	40				J002A
19	2203478_23	V005A	G062A	3	10					N			B001A		LOQ					J002A
20	2200692_24	V005A	G062A	3	10					N			B001A		LOQ					J002A
21	2200575_25	V001A	G062A	9	29			137		N			B001A		VAL	42				J002A
22	2204839_26	V001A	G050A	0.1	0.3					N			B001A		LOD					J002A
23	2203479_27	V005A	G062A	3	10					N			B001A		LOQ					J002A
24	2200674_28	V005A	G062A	3	10					N			B001A		LOQ					J002A
25	2200562_29	V001A	G062A	3	10			66		N			B001A		VAL	20				J002A
26	2204840_30	V001A	G050A	0.1	0.3			4.6	90.9	Y			B001A		VAL	1.5				J002A
27	2200571_31	V001A	G062A	9	29			118		N			B001A		VAL	36				J002A
28	2203754_32	V001A	G062A	9	29			48		N			B001A		VAL	15				J002A
29	2200155_33	V001A	G050A	12	35			60	84.9	Y			B001A		VAL	21				J002A
30	2200155_34	V001A	G050A	11	34				87.3	Y			B001A		LOQ					J002A
31	2200155_35	V001A	G050A	12	35			60		N			B001A		VAL	21				J002A

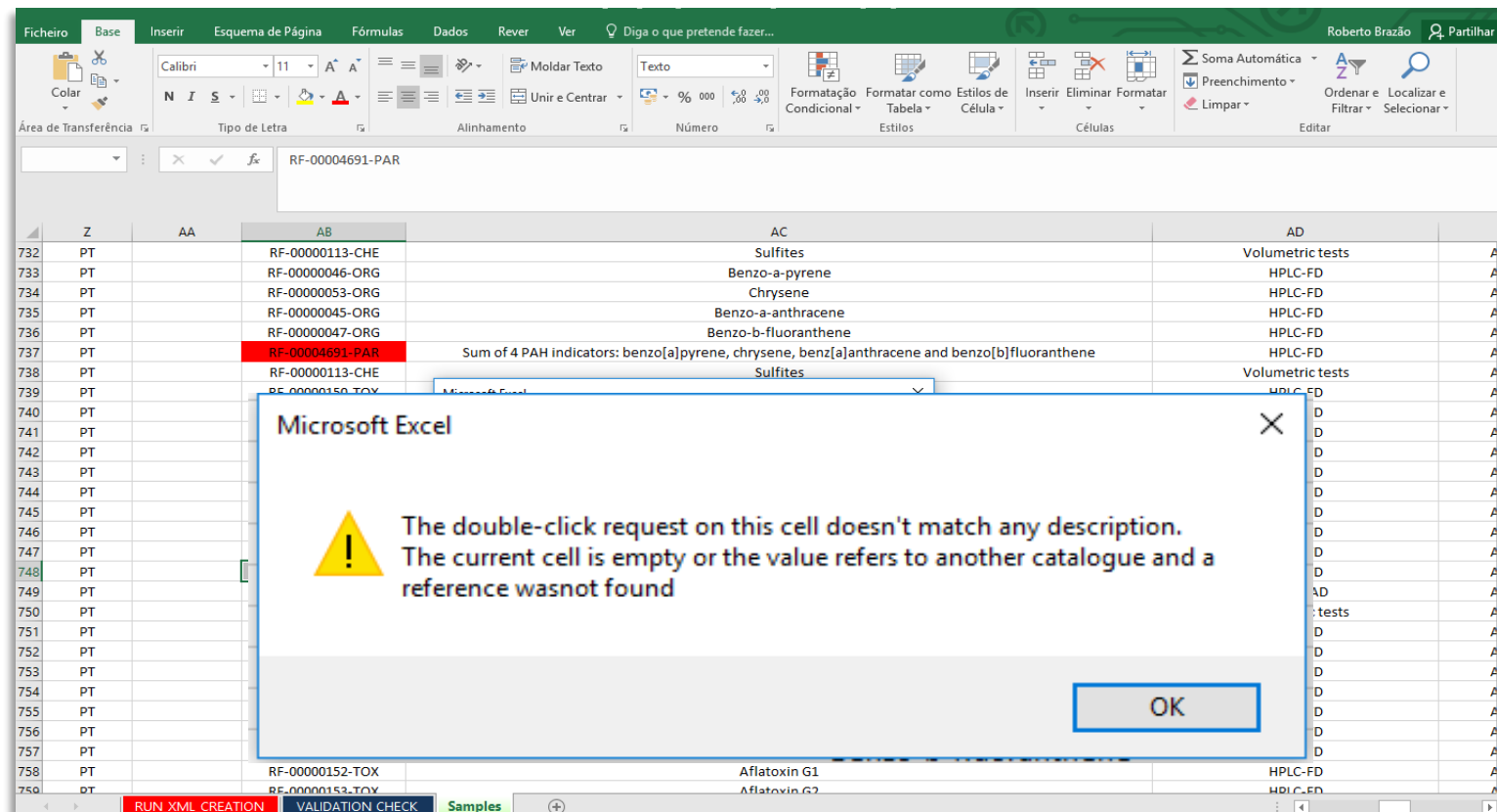
EXCEL TOOL FLAT FOR DATA COLLECTION

- DATA VALIDATION



EXCEL TOOL FLAT FOR DATA COLLECTION

- DATA VALIDATION



EXCEL TOOL FLAT FOR DATA COLLECTION

- DATA VALIDATION

	Z	AA	AC	AD
732	PT	RF-00000113-CHE	Sulfites	Volumetric tests
733	PT	RF-00000046-ORG	Benzo-a-pyrene	HPLC-FD
734	PT	RF-00000053-ORG	Chrysene	HPLC-FD
735	PT	RF-00000045-ORG	Benzo-a-anthracene	HPLC-FD
736	PT			HPLC-FD
737	PT	RF-00004426-PAR	Sum of 4 PAH indicators: benzo[a]pyrene, chrysene, benz[a]anthracene and benzo[b]fluoranthene	HPLC-FD
738	PT			Volumetric tests
739	PT	RF-00000046-ORG	Benzo-a-pyrene	HPLC-FD
740	PT	RF-00000053-ORG	Chrysene	HPLC-FD
741	PT	RF-00000045-ORG	Benzo-a-anthracene	HPLC-FD
742	PT	RF-00000047-ORG	Benzo-b-fluoranthene	HPLC-FD
743	PT	RF-00000047-ORG	Benzo-b-fluoranthene	HPLC-FD
744	PT	RF-00004426-PAR	Sum of 4 PAH indicators: benzo[a]pyrene, chrysene, benz[a]anthracene and benzo[b]fluoranthene	HPLC-FD
745	PT	RF-00000113-CHE	Sulfites	HPLC-FD
746	PT	RF-00000150-TOX	Aflatoxin B1	HPLC-FD
747	PT	RF-00000151-TOX	Aflatoxin B2	HPLC-FD
748	PT	RF-00000152-TOX	Aflatoxin G1	HPLC-FD
749	PT	RF-00000153-TOX	Aflatoxin G2	HPLC-DAD
750	PT	RF-00000150-TOX	Aflatoxin B1	Volumetric tests
751	PT	RF-00000151-TOX	Aflatoxin B2	HPLC-FD
752	PT	RF-00000152-TOX	Aflatoxin G1	HPLC-FD
753	PT	RF-00000153-TOX	Aflatoxin G2	HPLC-FD
754	PT	RF-00000435-TOX	Aflatoxin (sum of B1, B2, G1, G2)	HPLC-FD
755	PT	RF-00000150-TOX	Aflatoxin B1	HPLC-FD
756	PT	RF-00000151-TOX	Aflatoxin B2	HPLC-FD
757	PT	RF-00000152-TOX	Aflatoxin G1	HPLC-FD
758	PT	RF-00000153-TOX	Aflatoxin G2	HPLC-FD

EXCEL TOOL FLAT FOR DATA COLLECTION

- DATA VALIDATION

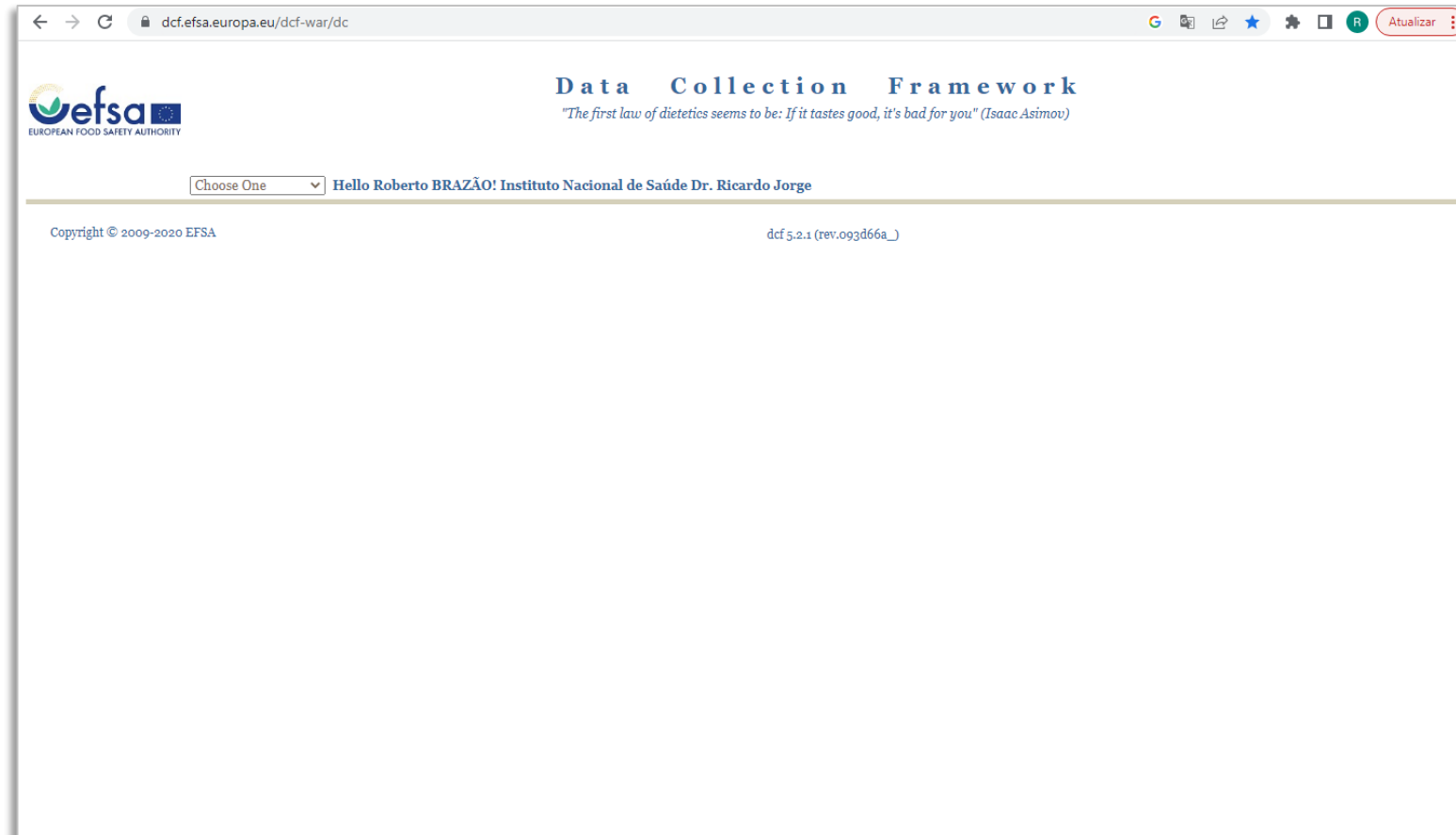
The screenshot displays the Microsoft Excel interface with a data validation report. A prominent green text box with a checkmark overlay states: "The SSD2 controlled terminologies and validation rules guarantee data quality". The report content includes:

- 9 MANDATORY fields FULLY OMITTED: NONE
- 10 MANDATORY fields INCOMPLETE: NONE
- 11 Violation of the controlled terminologies in the SAMPLES worksheet are listed below (0 CELLS WITH CONTROLLED TERMINOLOGY VIOLATION)
- 12 (double click on each position to jump directly to the related cells)
- 13 Samples

The Excel ribbon at the top shows the 'Dados' (Data) tab, and the status bar at the bottom indicates 'VALIDATION CHECK' is active.

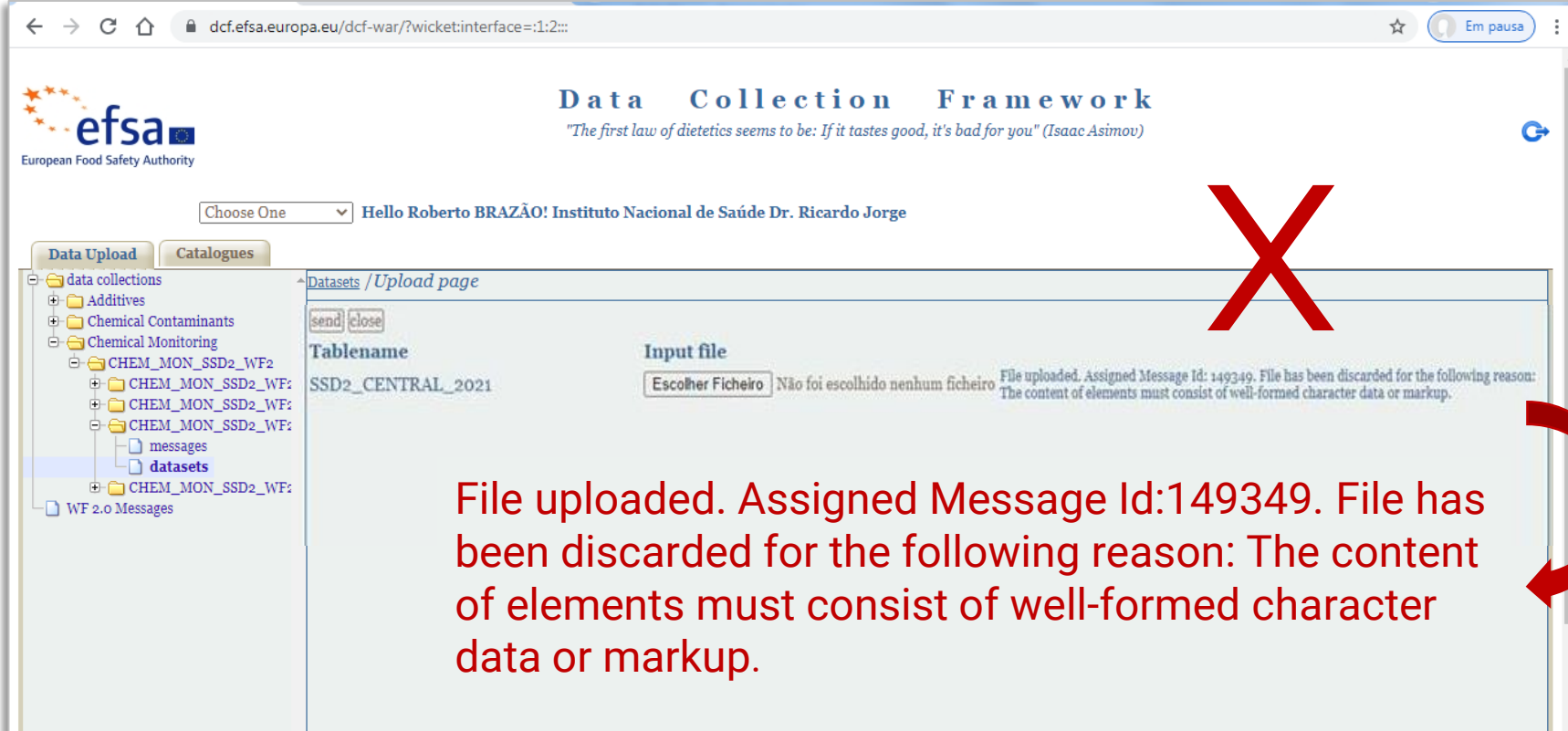
EFSA DATA COLLECTION FRAMEWORK (DCF)

- Transmission of the **XML file** to the EFSA Data Collection Framework;



EFSA DATA COLLECTION FRAMEWORK (DCF)

- Transmission of the **XML file** to the EFSA Data Collection Framework – **FILE DISCARDED**



The screenshot shows the EFSA Data Collection Framework (DCF) web interface. The page title is "Data Collection Framework" with the tagline "The first law of dietetics seems to be: If it tastes good, it's bad for you" (Isaac Asimov). The user is logged in as "Hello Roberto BRAZÃO! Instituto Nacional de Saúde Dr. Ricardo Jorge". The interface includes a "Data Upload" tab and a "Catalogues" section. The "Data Upload" section shows a table with the following details:

Table name	Input file
SSD2_CENTRAL_2021	<input type="button" value="Escolher Ficheiro"/> Não foi escolhido nenhum ficheiro

A message at the bottom of the table states: "File uploaded. Assigned Message Id: 149349. File has been discarded for the following reason: The content of elements must consist of well-formed character data or markup." A large red 'X' is overlaid on the message, and a red arrow points to the error text. The error message is also repeated in red text below the screenshot.

File uploaded. Assigned Message Id:149349. File has been discarded for the following reason: The content of elements must consist of well-formed character data or markup.

EFSA DATA COLLECTION FRAMEWORK (DCF)

- Transmission of the **XML file** to the EFSA Data Collection Framework – **FILE DISCARDED**

The VALIDATION CHECK
functionality of the Excel tool FLAT
does not identify all the
inconsistencies/errors that might
exist in the file!

	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO
	paramCode	paramText	anMethRefId	anMethType	anMethCode	anMethText	resid	accredProc	resUnit	resLOD	resLOQ	CCalpt	CCbetz	resVal
1191	RF-00000412-VET		C-MS/MS	AT06A	F027A		PNP_INS_1190	V007A	G050A	0.7000	2.0000			<2
1192	RF-00000430-VET		C-MS/MS	AT06A	F027A		PNP_INS_1190	V007A	G050A	0.3000	1.0000			<1
1193	RF-00000432-VET		C-MS/MS	AT06A	F027A		PNP_INS_1190	V007A	G050A	0.7000	2.0000			<2
1194	RF-00000278-ORG		C-MS/MS	AT06A	F049A		PNP_INS_1190	V007A	G076A			0.3300		< 0,287
1195	RF-0											6.0000		< 5,16
1196	RF-0											0.9000		< 0,774
1197	RF-0													ND
1198	RF-0													0.8600
1199	RF-0											2.0000		1.7200
1200	RF-0													ND
1201	RF-0													0.0888
1202	RF-0											0.2100		0.1780
1203	RF-0													0.2440
1204	RF-0													0.3340
1205	RF-0											0.3400		0.4250
1206	RF-0													0.2440
1207	RF-0													0.4230
1208	RF-0													0.6030
1209	RF-0									10.0000				<10
1210	RF-0									10.0000				<10
1211	RF-0									10.0000				<10
1212	RF-0									10.0000				<10
1213	RF-0									10.0000				<10
1214	RF-0									10.0000				<10
1215	RF-0									25.0000				<25
1216	RF-0									200.0000				<200
1217	RF-0									20.0000				<20
1218	RF-00000015-VET		C-MS/MS	AT06A	F027A		PNP_INS_1190	V007A	G050A	10.0000				<10
1219	RF-0980-001-PPP		C-MS/MS	AT06A	F027A		PNP_INS_1190	V007A	G050A	10.0000				<10

EFSA DATA COLLECTION FRAMEWORK (DCF)

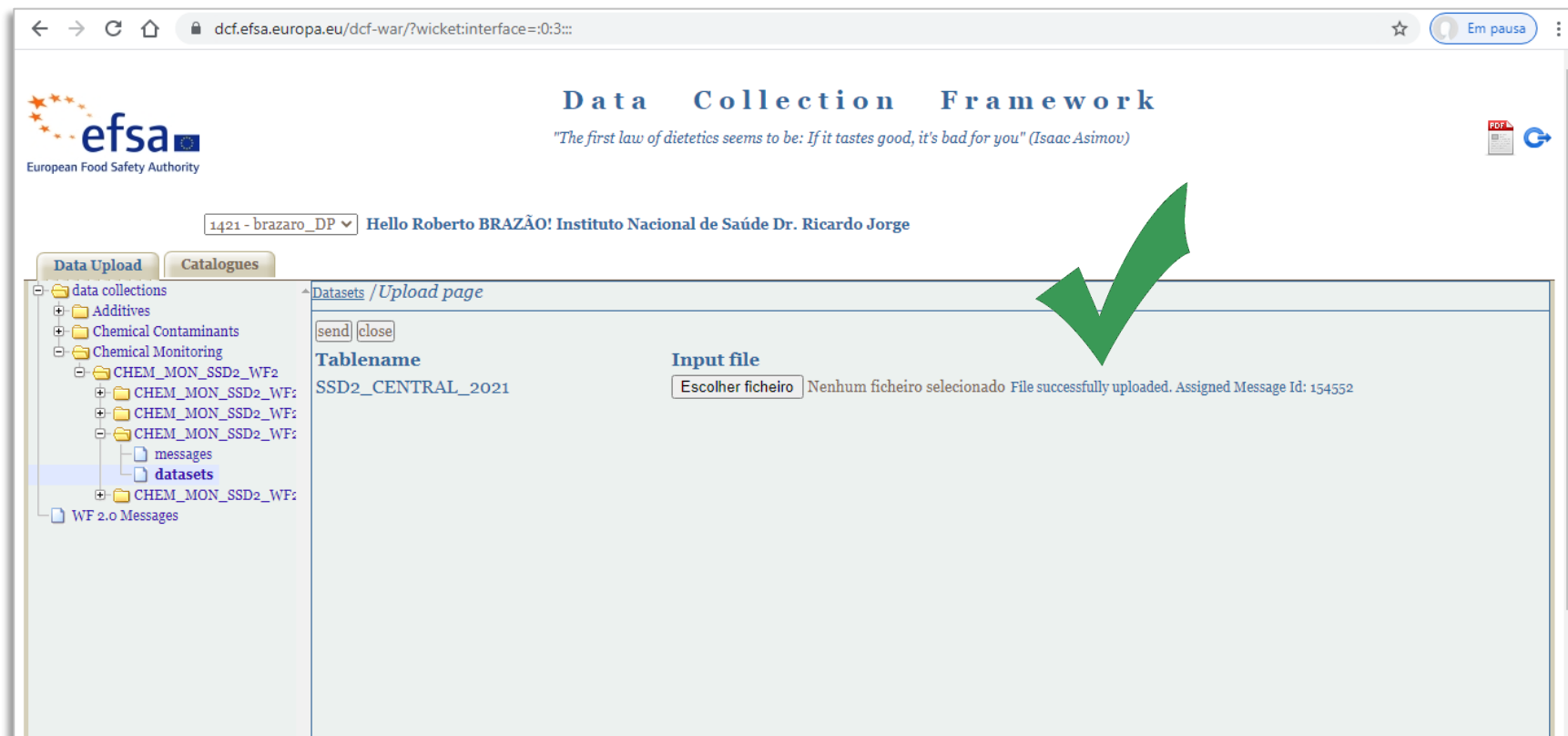
- Transmission of the **XML file** to the EFSA Data Collection Framework – **FILE DISCARDED**

VALIDATION CHECK: a console for running the validation procedure that **checks if the controlled terminology catalogues are correctly applied** in the Samples worksheet and returns a list of cells that failed the control;

AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO
paramCode	paramText	anMethRefid	anMethType	anMethCode	anMethText	resid	accredProc	resUnit	resLOD	resLOQ	CCalpr	CCbet	resVal
1191	RF-00000412-VET	LC-MS/MS	AT06A	F027A		PNP_INS_1190	V007A	G050A	0.7000	2.0000			<2
1192	RF-00000430-VET	LC-MS/MS	AT06A	F027A		PNP_INS_1190	V007A	G050A	0.3000	1.0000			<1
1193	RF-00000432-VET	LC-MS/MS	AT06A	F027A		PNP_INS_1190	V007A	G050A	0.7000	2.0000			<2
1194	RF-00000278-ORG	GC-MS/MS	AT08A	F049A		PNP_INS_1190	V007A	G076A		0.3300			< 0,287
1195	RF-000												< 5,16
1196	RF-000												< 0,774
1197	RF-000												ND
1198	RF-000												0.8500
1199	RF-000												1.7200
1200	RF-000												ND
1201	RF-000												0.0888
1202	RF-000												0.1780
1203	RF-000												0.2440
1204	RF-000												0.3340
1205	RF-000												0.4250
1206	RF-000												0.2440
1207	RF-000												0.4230
1208	RF-000												0.6030
1209	RF-000												<10
1210	RF-000												<10
1211	RF-000												<10
1212	RF-000												<10
1213	RF-000												<10
1214	RF-000												<10
1215	RF-000												<25
1216	RF-000												<200
1217	RF-00002917-PAR	LC-MS/MS	AT06A	F027A		PNP_INS_1190	V007A	G050A		20.0000			<20
1218	RF-00000015-VET	LC-MS/MS	AT06A	F027A		PNP_INS_1190	V007A	G050A		10.0000			<10
1219	RF-0980-001-PPP	LC-MS/MS	AT06A	F027A		PNP_INS_1190	V007A	G050A		10.0000			<10

EFSA DATA COLLECTION FRAMEWORK (DCF)

- Transmission of the **XML file** to the EFSA Data Collection Framework – **FILE SUCCESSFULLY UPLOADED**



The screenshot displays the EFSA Data Collection Framework (DCF) web interface. The browser address bar shows the URL: `dcf.efsa.europa.eu/dcf-war/?wicket:interface=:0:3::`. The page header includes the EFSA logo and the text "Data Collection Framework" with a quote: "The first law of dietetics seems to be: If it tastes good, it's bad for you" (Isaac Asimov). Below the header, there is a user identification section showing "1421 - brazaro_DP" and "Hello Roberto BRAZÃO! Instituto Nacional de Saúde Dr. Ricardo Jorge".

The main content area is divided into two tabs: "Data Upload" and "Catalogues". The "Data Upload" tab is active, showing a tree view on the left with categories like "Additives", "Chemical Contaminants", and "Chemical Monitoring". Under "Chemical Monitoring", there are several "CHEM_MON_SSD2_WF2" folders, each containing "messages" and "datasets" sub-folders. The "datasets" folder is selected, and the main area shows the "Upload page" for the dataset "SSD2_CENTRAL_2021".

In the "Input file" section, there is a button labeled "Escolher ficheiro" (Choose file). Below it, the text reads: "Nenhum ficheiro selecionado File successfully uploaded. Assigned Message Id: 154552". A large green checkmark is overlaid on the right side of the interface, indicating the successful completion of the upload process.

EFSA DATA COLLECTION FRAMEWORK (DCF)

- Message Acknowledgment - Details

Dataset Status: **REJECTED**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	detailedAckResId	opType	datasetId	dcCode	dcTable	orgCode	opExecDat	opResCode	datasetStatu	infoType	infoMessage	dataElement	value	errSeq	recordUniqueld
2	06_154647	Insert	46891	CHEM_MON	SSD2_CENT	PT_INSRJ	2021-09-15T1	OK	REJECTED	error	Operation execution	labId	'Eurofins CLF Specialised Nutrition Testing Services GmbH' is not facet-valid with respect to pattern '.*[^\s].*' for type '#AnonType_labIdrecordType'. col num:16 line: 21553	1	Cont_DSNA_569
3	06_154647	Insert	46891	CHEM_MON	SSD2_CENT	PT_INSRJ	2021-09-15T1	OK	REJECTED	error	Operation execution	labId	Can't validate schema: cvc-type.3.1.3: The value 'Eurofins CLF Specialised Nutrition Testing Services GmbH' of element 'labId' is not valid. col num:16 line: 21553	2	Cont_DSNA_569
4	06_154647	Insert	46891	CHEM_MON	SSD2_CENT	PT_INSRJ	2021-09-15T1	OK	REJECTED	error	Operation execution	labId	'Eurofins CLF Specialised Nutrition Testing Services GmbH' is not facet-valid with respect to pattern '.*[^\s].*' for type '#AnonType_labIdrecordType'. col num:16 line: 21591	3	Cont_DSNA_570

EFSA DATA COLLECTION FRAMEWORK (DCF)

- Message Acknowledgment - Details

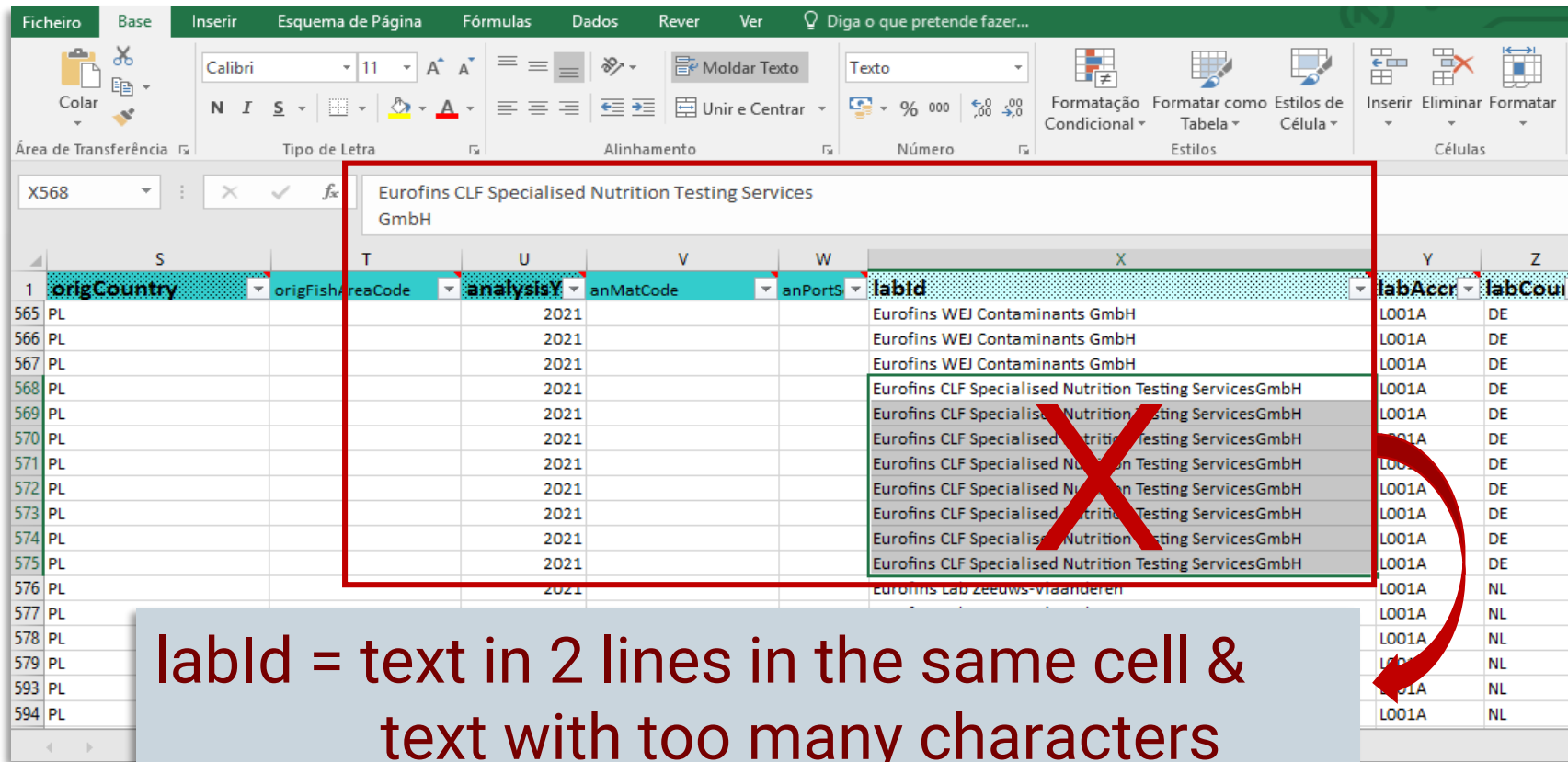
Dataset Status: **REJECTED**

The screenshot shows an Excel spreadsheet with a table of dataset records. The table has columns for various attributes, including 'datasetStatus' and 'infoMessage'. A red box highlights the 'infoMessage' column for records where the status is 'REJECTED'. The error messages indicate schema validation failures related to the 'maxLength' of a specific data element.

	detailedAckResId	opType	datasetId	dcCode	dcTabId	orgCode	opExecDate	op	datasetStatus	infoType	infoMessage	dataElement	value	errorSeq	recordUniqueId
2	06_154649	Replace	46891	CHEM_MO	SSD2_CEN	PT_INSRJ	2021-09-15T17:00:00	OK	REJECTED	error	Operation execution failed	labId	Can't validate schema: cvc-maxLength-valid: Value 'Eurofins CLF Specialised Nutrition Testing Services GmbH' with length = '56' is not facet-valid with respect to maxLength '50' for type '#AnonType_labIdrecordType'. col num:84 line: 21552	1	Cont_DSNA_569
3	06_154649	Replace	46891	CHEM_MO	SSD2_CEN	PT_INSRJ	2021-09-15T17:00:00	OK	REJECTED	error	Operation execution failed	labId	Can't validate schema: cvc-type.3.1.3: The value 'Eurofins CLF Specialised Nutrition Testing Services GmbH' of element 'labId' is not valid. col num:84 line: 21552	2	Cont_DSNA_569
4	06_154649	Replace	46891	CHEM_MO	SSD2_CEN	PT_INSRJ	2021-09-15T17:00:00	OK	REJECTED	error	Operation execution failed	labId	Can't validate schema: cvc-maxLength-valid: Value 'Eurofins CLF Specialised Nutrition Testing Services GmbH' with length = '56' is not facet-valid with respect to maxLength '50' for type '#AnonType_labIdrecordType'. col num:84 line: 21589	3	Cont_DSNA_570
5	06_154649	Replace	46891	CHEM_MO	SSD2_CEN	PT_INSRJ	2021-09-15T17:00:00	OK	REJECTED	error	Operation execution failed	labId	Can't validate schema: cvc-type.3.1.3: The value 'Eurofins CLF Specialised Nutrition Testing Services GmbH' of element 'labId' is not valid. col num:84 line: 21589	4	Cont_DSNA_570

EFSA DATA COLLECTION FRAMEWORK (DCF)

Dataset Status: **REJECTED**



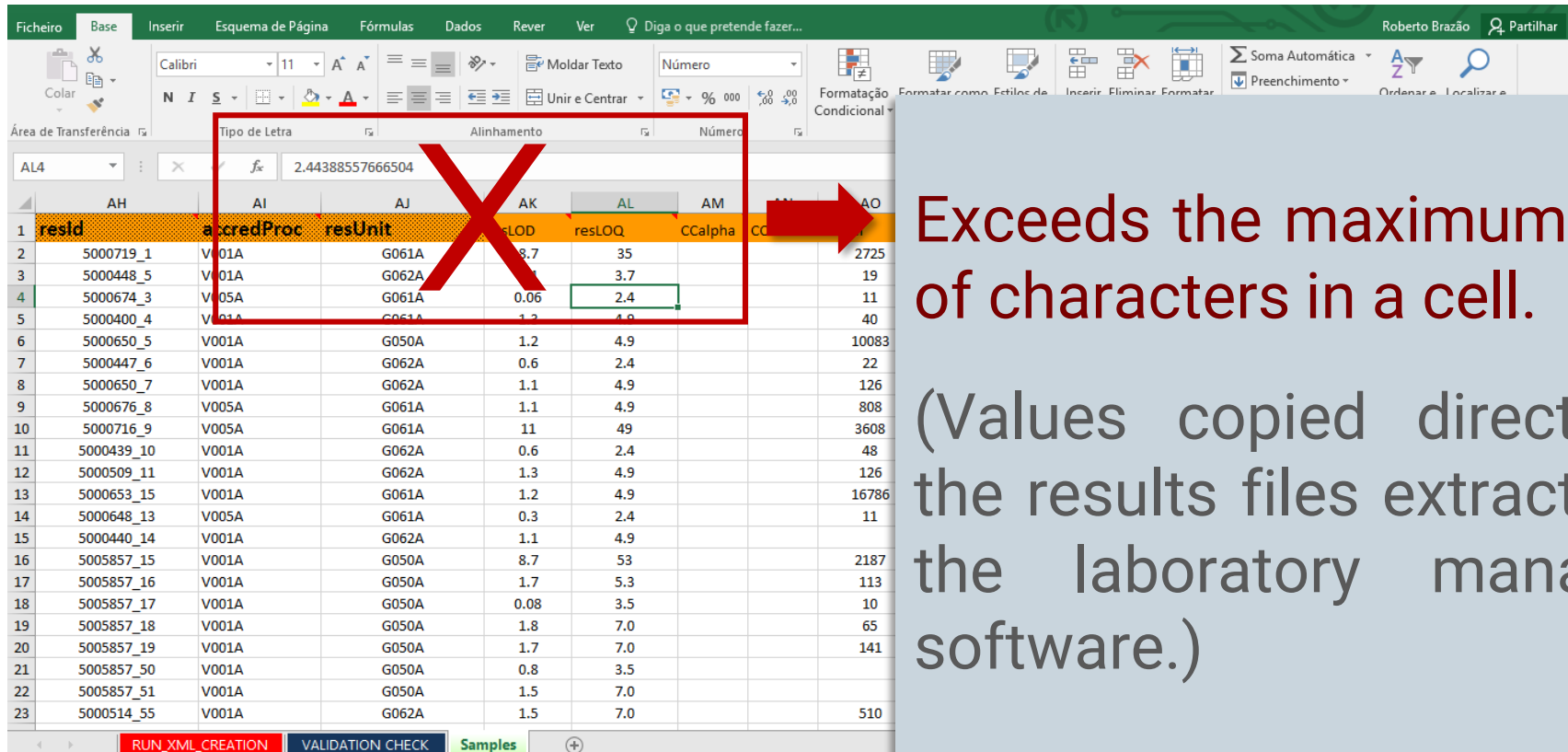
The screenshot shows an Excel spreadsheet with a table of data. The table has columns for 'origCountry', 'origFishAreaCode', 'analysisY', 'anMatCode', 'anPortS', 'labId', 'labAccr', and 'labCou'. The 'labId' column contains the text 'Eurofins CLF Specialised Nutrition Testing Services GmbH' in two lines. A red box highlights this cell, and a red 'X' is drawn over it. A red arrow points from the text box below to the cell.

	S	T	U	V	W	X	Y	Z
1	origCountry	origFishAreaCode	analysisY	anMatCode	anPortS	labId	labAccr	labCou
565	PL		2021			Eurofins WEJ Contaminants GmbH	L001A	DE
566	PL		2021			Eurofins WEJ Contaminants GmbH	L001A	DE
567	PL		2021			Eurofins WEJ Contaminants GmbH	L001A	DE
568	PL		2021			Eurofins CLF Specialised Nutrition Testing Services GmbH	L001A	DE
569	PL		2021			Eurofins CLF Specialised Nutrition Testing Services GmbH	L001A	DE
570	PL		2021			Eurofins CLF Specialised Nutrition Testing Services GmbH	L001A	DE
571	PL		2021			Eurofins CLF Specialised Nutrition Testing Services GmbH	L001A	DE
572	PL		2021			Eurofins CLF Specialised Nutrition Testing Services GmbH	L001A	DE
573	PL		2021			Eurofins CLF Specialised Nutrition Testing Services GmbH	L001A	DE
574	PL		2021			Eurofins CLF Specialised Nutrition Testing Services GmbH	L001A	DE
575	PL		2021			Eurofins CLF Specialised Nutrition Testing Services GmbH	L001A	DE
576	PL		2021			Eurofins Lab zeeuws-vlaanderen	L001A	NL
577	PL						L001A	NL
578	PL						L001A	NL
579	PL						L001A	NL
593	PL						L001A	NL
594	PL						L001A	NL

labId = text in 2 lines in the same cell & text with too many characters

EFSA DATA COLLECTION FRAMEWORK (DCF)

Dataset Status: **REJECTED**



The screenshot shows an Excel spreadsheet with a data table. A red 'X' is drawn over a cell in the 'resUnit' column, containing the long alphanumeric string '2.44388557666504'. A red arrow points from the text box on the right to this cell. The table has columns labeled 'resid', 'accredProc', 'resUnit', 'resLOD', 'resLOQ', 'CCalpha', and 'CCbeta'. The rows contain numerical data for various samples.

resid	accredProc	resUnit	resLOD	resLOQ	CCalpha	CCbeta
5000719_1	V001A	G061A	8.7	35		2725
5000448_5	V001A	G062A		3.7		19
5000674_3	V005A	G061A	0.06	2.4		11
5000400_4	V001A	G061A	1.2	4.9		40
5000650_5	V001A	G050A	1.2	4.9		10083
5000447_6	V001A	G062A	0.6	2.4		22
5000650_7	V001A	G062A	1.1	4.9		126
5000676_8	V005A	G061A	1.1	4.9		808
5000716_9	V005A	G061A	11	49		3608
5000439_10	V001A	G062A	0.6	2.4		48
5000509_11	V001A	G062A	1.3	4.9		126
5000653_15	V001A	G061A	1.2	4.9		16786
5000648_13	V005A	G061A	0.3	2.4		11
5000440_14	V001A	G062A	1.1	4.9		
5005857_15	V001A	G050A	8.7	53		2187
5005857_16	V001A	G050A	1.7	5.3		113
5005857_17	V001A	G050A	0.08	3.5		10
5005857_18	V001A	G050A	1.8	7.0		65
5005857_19	V001A	G050A	1.7	7.0		141
5005857_50	V001A	G050A	0.8	3.5		
5005857_51	V001A	G050A	1.5	7.0		
5000514_55	V001A	G062A	1.5	7.0		510

Exceeds the maximum number of characters in a cell.

(Values copied directly from the results files extracted from the laboratory management software.)

EFSA DATA COLLECTION FRAMEWORK (DCF)

- Message Acknowledgment - Details

Dataset Status: REJECTED EDITABLE

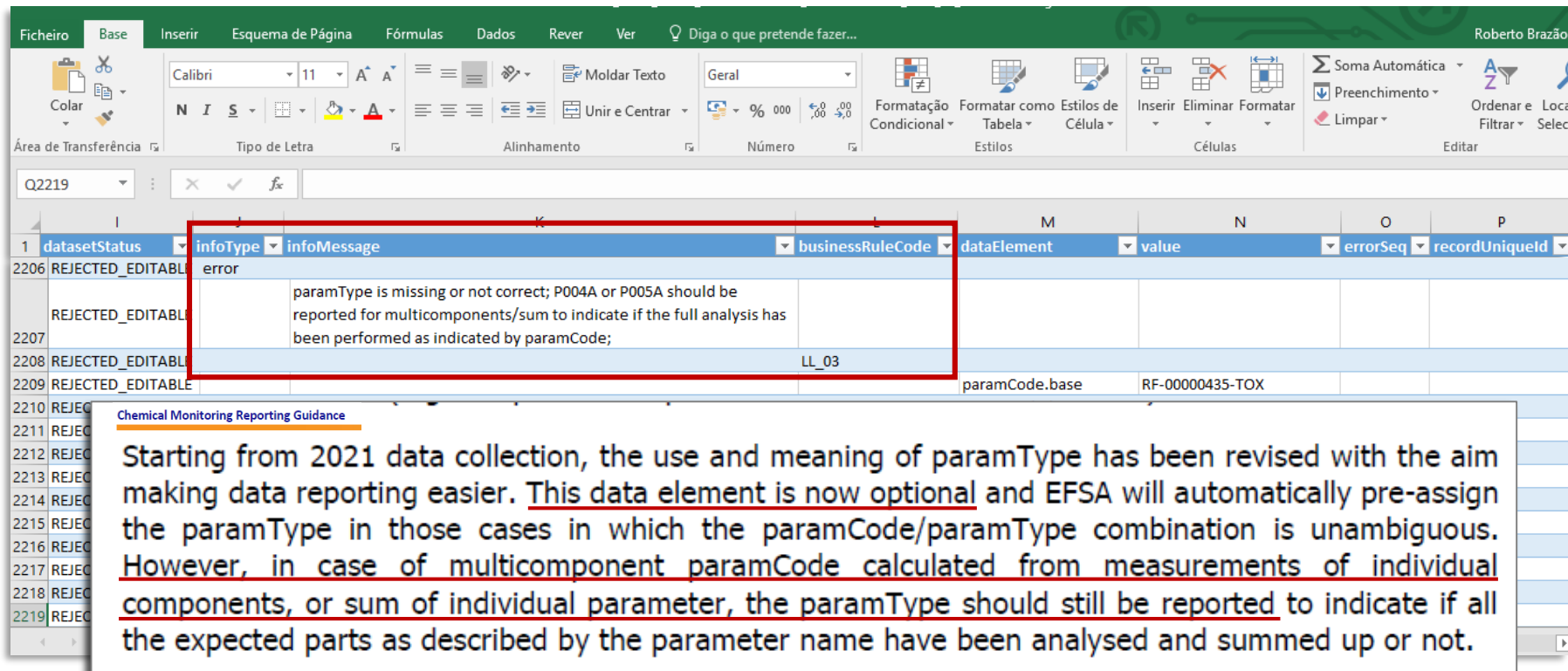
The screenshot shows an Excel spreadsheet with a table containing data for a dataset. The table has columns for 'infoType', 'infoMessage', 'businessRuleCode', 'dataElement', and 'value'. A red box highlights an error message in row 2107: "The sample taken or matrix sampled descriptors (sections D, E) or sampEventId are not constant for all records with the same sampId;following dataset involved:46773 GBR3". Another red box highlights two rows (2141 and 2142) where 'sampMatText' is 'Vinho - Tinto - SECO 2019'. A grey box with a red arrow points to these rows, containing the text "Case-sensitive (SECO ≠ Seco)".

Row	infoType	infoMessage	businessRuleCode	dataElement	value
2102				sampY	2020
2103					
2104					
2105					
2106	error				
2107		The sample taken or matrix sampled descriptors (sections D, E) or sampEventId are not constant for all records with the same sampId;following dataset involved:46773	GBR3		
2108					
2109				origArea	Not available
2110				origArea	Not available
2140				sampMatInfo	Not available
2141				sampMatText	Vinho - Tinto - SECO 2019
2142				sampMatText	Vinho - Tinto - Seco 2019
2143				sampMatType	S019A
2144				sampMatType	S019A
2145				sampSize	Not available
2146				sampSize	Not available
2147				sampUnitSize	Not available
2148				sampUnitSize	Not available
2149				sampY	2020
2150				sampY	2020

EFSA DATA COLLECTION FRAMEWORK (DCF)

- Message Acknowledgment - Details

Dataset Status: REJECTED EDITABLE



The screenshot shows an Excel spreadsheet with the following data table:

	datasetStatus	infoType	infoMessage	businessRuleCode	dataElement	value	errorSeq	recordUniqueId
2206	REJECTED_EDITABLE		error					
2207	REJECTED_EDITABLE		paramType is missing or not correct; P004A or P005A should be reported for multicomponents/sum to indicate if the full analysis has been performed as indicated by paramCode;					
2208	REJECTED_EDITABLE			LL_03				
2209	REJECTED_EDITABLE				paramCode.base	RF-00000435-TOX		

Chemical Monitoring Reporting Guidance

Starting from 2021 data collection, the use and meaning of paramType has been revised with the aim making data reporting easier. This data element is now optional and EFSA will automatically pre-assign the paramType in those cases in which the paramCode/paramType combination is unambiguous. However, in case of multicomponent paramCode calculated from measurements of individual components, or sum of individual parameter, the paramType should still be reported to indicate if all the expected parts as described by the parameter name have been analysed and summed up or not.

EFSA DATA COLLECTION FRAMEWORK (DCF)

- Message Acknowledgment - Details

Dataset Status: REJECTED EDITABLE

datasetStatus	infoType	infoMessage	businessRuleCode	dataElement	value	numRe
REJECTED_EDITABLE	error	resLOD is not less than or equal to resLOQ;	GBR37	resLOD	0.004	
REJECTED_EDITABLE	error	resLOD is not less than or equal to resLOQ;	GBR37	resLOD	0.004	
REJECTED_EDITABLE	error	resLOD is not less than or equal to resLOQ;	GBR37	resLOD	0.004	
REJECTED_EDITABLE	error	resLOD is not less than or equal to resLOQ;	GBR37	resLOD	0.004	
REJECTED_EDITABLE	error	resLOD is not less than or equal to resLOQ;	GBR37	resLOD	0.004	
REJECTED_EDITABLE	error	resLOD is not less than or equal to resLOQ;	GBR37	resLOD	0.004	
REJECTED_EDITABLE	error	resLOD is not less than or equal to resLOQ;	GBR37	resLOD	0.004	
REJECTED_EDITABLE	error	resLOD is not less than or equal to resLOQ;	GBR37	resLOD	0.004	
REJECTED_EDITABLE	error	resLOD is not less than or equal to resLOQ;	GBR37	resLOD	0.004	
REJECTED_EDITABLE	error	resLOD is not less than or equal to resLOQ;	GBR37	resLOD	0.004	
REJECTED_EDITABLE	error	resLOD is not less than or equal to resLOQ;	GBR37	resLOD	0.004	
REJECTED_EDITABLE	error	resLOD is not less than or equal to resLOQ;	GBR37	resLOD	0.004	
REJECTED_EDITABLE	error	resLOD is not less than or equal to resLOQ;	GBR37	resLOD	0.004	
REJECTED_EDITABLE	error	resLOD is not less than or equal to resLOQ;	GBR37	resLOQ	0.001	
REJECTED_EDITABLE	error	resLOD is not less than or equal to resLOQ;	GBR37	resLOQ	0.001	
REJECTED_EDITABLE	error	resLOD is not less than or equal to resLOQ;	GBR37	resLOQ	0.001	

EFSA DATA COLLECTION FRAMEWORK (DCF)

Dataset Status: REJECTED EDITABLE

The screenshot shows an Excel spreadsheet with a table of data. The table has columns labeled AH through AV. The 'resLOQ' column (AL) contains several values of '0,001' which are highlighted in yellow. A grey callout box with the text 'Alter '0,001' by '0,011'' has arrows pointing to these specific cells. The spreadsheet interface includes the ribbon with tabs like 'Início', 'Inserir', 'Layout da Página', etc., and a status bar at the bottom showing 'RUN XML CREATION', 'VALIDATION CHECK', and 'Samples'.

	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV
1	resid	acoredProc	resUnit	resLOD	resLOQ	ccAlpl	ccBe	resV	resValR	resValRecCc	exprResf	exprResPerc.fatPe	exprResTy	resQualVal	resType
2	PT_PT_XPTO_7	V001A	G080A	0,002	0,006			0,3							VAL
3	PT_PT_XPTO_8	V001A	G080A	0,02	0,06			0,08							VAL
4	PT_PT_XPTO_9	V001A	G061A	0,004	0,001			0,019							VAL
5	PT_PT_XPTO_10	V001A	G080A	0,002	0,006			0,12							VAL
6	PT_PT_XPTO_11	V001A	G080A	0,02	0,06			0,07							VAL
7	PT_PT_XPTO_24	V001A	G061A	0,004	0,001			0,033							VAL
8	PT_PT_XPTO_25	V001A	G080A	0,002	0,006			0,018							VAL
9	PT_PT_XPTO_26	V001A	G080A	0,02	0,06			0,06							VAL
10	PT_PT_XPTO_5	V001A	G061A	0,004	0,001			0,016							VAL
11	PT_PT_XPTO_31	V001A	G080A	0,002	0,006			0,06							VAL
12	PT_PT_XPTO_32	V001A	G080A	0,02	0,06			0,07							VAL
13	PT_PT_XPTO_36	V001A	G061A	0,004	0,001			0,012							VAL
14	PT_PT_XPTO_37	V001A	G080A	0,002	0,006			0,11							VAL
15	PT_PT_XPTO_38	V001A	G080A	0,02	0,06			0,31							VAL
16	PT_PT_XPTO_8	V001A	G061A	0,004	0,001			0,037							VAL
17	PT_PT_XPTO_1	V001A	G080A	0,002	0,006										LOD
18	PT_PT_XPTO_2	V001A	G080A	0,02	0,06										LOD
19	PT_PT_XPTO_123	V001A	G061A	0,004	0,001			0,07							VAL
20	PT_PT_XPTO_4	V001A	G080A	0,002	0,006										LOD

EFSA DATA COLLECTION FRAMEWORK (DCF)

- Message Acknowledgment - Details

Dataset Status: REJECTED EDITABLE

WARNING: the selected resType is VAL for a result that contains a value less than the reported LOQ;

datasetStatus	infoType	infoMessage	businessRuleCode	dataElement
9857	REJECTED_EDITABLE			
9858	REJECTED_EDITABLE			
9859	REJECTED_EDITABLE			
9860	REJECTED_EDITABLE	warning		
9861	REJECTED_EDITABLE	WARNING: the selected resType is VAL for a result that contains a value less than the reported LOQ;		
9862	REJECTED_EDITABLE		CHEMON41	
9863	REJECTED_EDITABLE			resLOQ
9864	REJECTED_EDITABLE			resLOQ
9865	REJECTED_EDITABLE			resType
9866	REJECTED_EDITABLE			resType
9867	REJECTED_EDITABLE			resVal
9868	REJECTED_EDITABLE			resVal
9869	REJECTED_EDITABLE			
9870	REJECTED_EDITABLE			
9871	REJECTED_EDITABLE			

EFSA DATA COLLECTION FRAMEWORK (DCF)

- Message Acknowledgment - Details

Dataset Status: **REJECTED EDITABLE**

EFSA, 2023. Chemical monitoring reporting guidance: 2023 data collection.

Rule ID	Description	Error Type	Status	Notes
CHEMON81	If the value reported in resVal is less than the value reported in resLOQ, then the value in resType should be equal to 'Below or equal to LOQ' (LOQ);	error	active	New rule introduced in 2022. Becomes an Error in 2023
9857	REJECTED_EDITABLE			
9858	REJECTED_EDITABLE			
9859	REJECTED_EDITABLE	warning		
9861	REJECTED_EDITABLE	WARNING: the selected resType is VAL for a result that contains a value less than the reported LOQ;		
9862	REJECTED_EDITABLE			
9863	REJECTED_EDITABLE			
9864	REJECTED_EDITABLE			
9865	REJECTED_EDITABLE			
9866	REJECTED_EDITABLE			
9867	REJECTED_EDITABLE			
9868	REJECTED_EDITABLE			
9869	REJECTED_EDITABLE			
9870	REJECTED_EDITABLE			
9871	REJECTED_EDITABLE			

EFSA DATA COLLECTION FRAMEWORK (DCF)

Dataset Status: REJECTED EDITABLE

The screenshot shows an Excel spreadsheet with the following data:

	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX
1	resid	accredProc	resUnit	resLOD	resLOQ	ccAlpha	ccBeta	resVal	resValRec	resValRecCorr	exprResPer	exprResPerc.fatPerc	exprResType	resQualValue	resType	resValUncert	resInfo.no
2	XPTO_PT_1	V001A	G080A		0,27			0,303							VAL		
3	XPTO_PT_2	V001A	G080A		0,19										LOQ		
4	XPTO_PT_3	V001A	G080A		0,13										LOQ		
5	XPTO_PT_4	V001A	G080A		0,13										LOQ		
6	XPTO_PT_5	V001A	G080A		0,2										LOQ		
7	XPTO_PT_6	V001A	G080A		0,17										LOQ		
14	XPTO_PT_13	V001A	G080A		0,19										LOQ		
15	XPTO_PT_14	V001A	G080A		0,063										LOQ		
16	XPTO_PT_15	V001A	G080A		0,17										LOQ		
17	XPTO_PT_16	V001A	G080A		1,8			1,22							VAL		
18	XPTO_PT_17	V001A	G080A		0,13										LOQ		
19	XPTO_PT_18	V001A	G080A		0,13										LOQ		
131	XPTO_PT_132	V001A	G080A		47			101							VAL		
132	XPTO_PT_133	V001A	G080A		1,3										LOQ		
133	XPTO_PT_134	V001A	G080A		3,7			2,93							VAL		
134	XPTO_PT_135	V001A	G080A		0,33			0,341							VAL		
135	XPTO_PT_136	V001A	G080A		0,33			0,501							VAL		
187	XPTO_PT_188	V001A	G080A		0,13										LOQ		
188	XPTO_PT_189	V001A	G080A		47			38,9							VAL		
189	XPTO_PT_190	V001A	G080A		0,2										LOQ		

EFSA DATA COLLECTION FRAMEWORK (DCF)

Dataset Status: REJECTED EDITABLE

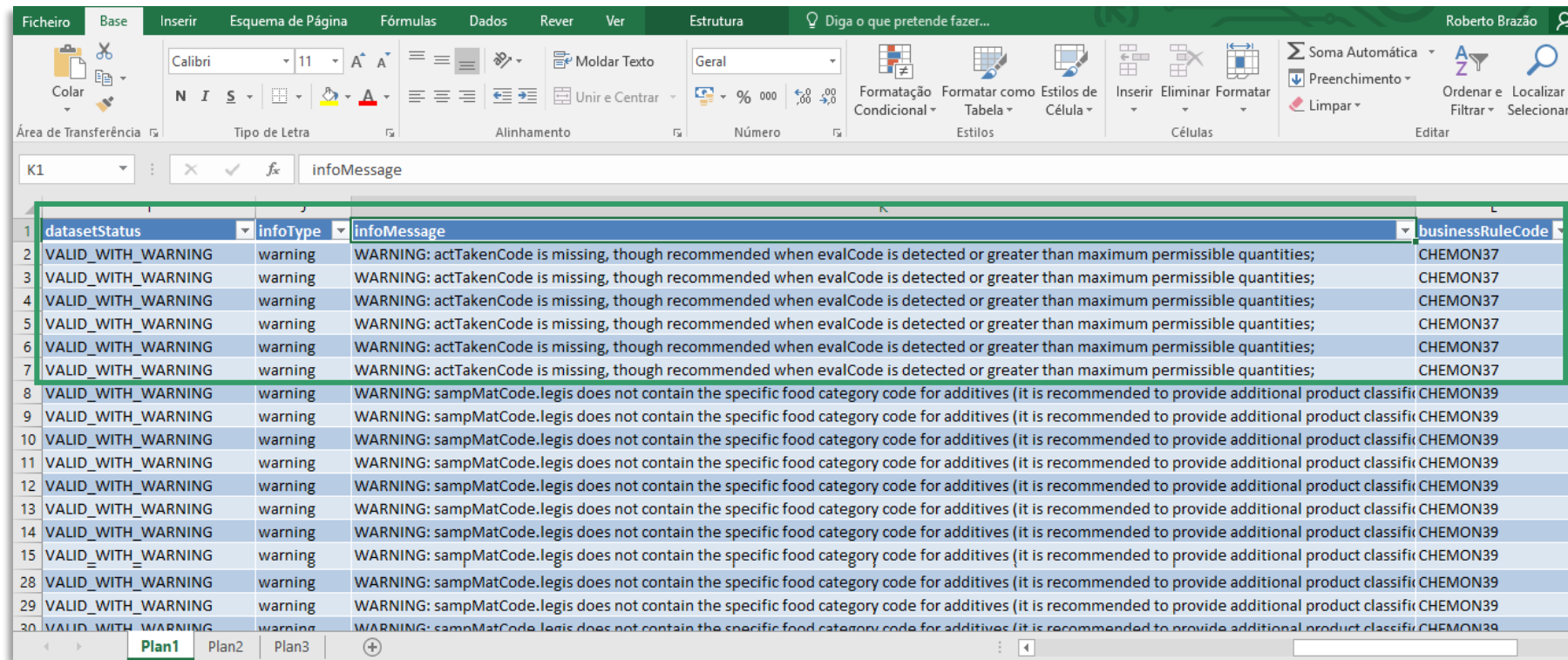
The screenshot shows an Excel spreadsheet with the following data:

	P	Q	R	S	T	U	V	W	
1	sampMatType	sampMatCode	sampMatText	origCountry	origFishAreaCode	analysisY	anMatCode	anPortSt	labId
4	S019A	A03GN#F17.A07MZ\$F33.A168B	Roast coffee	PT		2020			
5	S019A	A009Z#F28.A07GX\$F17.A07MY\$F33.A168F	Chocolate biscuit	IT		2020			
6	S019A	A011L#F17.A07MY\$F33.A169B	Potato crisps	PT					
7	S019A	A03HA#F17.A07MZ\$F33.A167Z	Coffee substitutes from barley	PT					
135	S019A	A03HA#F17.A07MZ\$F33.A167Z	Ground roasted barley	PT					
136	S019A	A03GN#F17.A07MZ\$F33.A168B	Roast coffee	PT					
137	S019A	A011L#F17.A07MY\$F33.A169B	Potato crisps	PT					
232	S019A	A0BY0#F28.A07GX\$F17.A07MZ\$F33.A168Q	Bread	PT					
233	S019A	A011L#F17.A07MY\$F33.A169B	Potato crisps	PT					
234	S019A	A005Y#F04.A042P\$F17.A07MY\$F33.A168H	Salty crackers	PT		2020			
235	S019A	A009V#F28.A07GX\$F17.A07MY\$F33.A168F	Biscuits	PT		2020			
236	S019A	A009V#F28.A07GX\$F17.A07MY\$F33.A168F	Biscuits	PT		2020			
362	S019A	A004Y#F17.A07MY\$F33.A168T	Wheat bread	PT		2021			

EFSA DATA COLLECTION FRAMEWORK (DCF)

- Message Acknowledgment - Details

Dataset Status: **VALID WITH WARNINGS**



The screenshot shows an Excel spreadsheet with a table containing dataset status and warning messages. The table has four columns: datasetStatus, infoType, infoMessage, and businessRuleCode. The first seven rows show a status of 'VALID_WITH_WARNING' with a 'warning' type and a message about 'actTakenCode' being missing. The remaining rows show the same status and type but with a different message about 'sampMatCode.legis' not containing a specific food category code for additives.

datasetStatus	infoType	infoMessage	businessRuleCode
VALID_WITH_WARNING	warning	WARNING: actTakenCode is missing, though recommended when evalCode is detected or greater than maximum permissible quantities;	CHEMON37
VALID_WITH_WARNING	warning	WARNING: actTakenCode is missing, though recommended when evalCode is detected or greater than maximum permissible quantities;	CHEMON37
VALID_WITH_WARNING	warning	WARNING: actTakenCode is missing, though recommended when evalCode is detected or greater than maximum permissible quantities;	CHEMON37
VALID_WITH_WARNING	warning	WARNING: actTakenCode is missing, though recommended when evalCode is detected or greater than maximum permissible quantities;	CHEMON37
VALID_WITH_WARNING	warning	WARNING: actTakenCode is missing, though recommended when evalCode is detected or greater than maximum permissible quantities;	CHEMON37
VALID_WITH_WARNING	warning	WARNING: actTakenCode is missing, though recommended when evalCode is detected or greater than maximum permissible quantities;	CHEMON37
VALID_WITH_WARNING	warning	WARNING: sampMatCode.legis does not contain the specific food category code for additives (it is recommended to provide additional product classification);	CHEMON39
VALID_WITH_WARNING	warning	WARNING: sampMatCode.legis does not contain the specific food category code for additives (it is recommended to provide additional product classification);	CHEMON39
VALID_WITH_WARNING	warning	WARNING: sampMatCode.legis does not contain the specific food category code for additives (it is recommended to provide additional product classification);	CHEMON39
VALID_WITH_WARNING	warning	WARNING: sampMatCode.legis does not contain the specific food category code for additives (it is recommended to provide additional product classification);	CHEMON39
VALID_WITH_WARNING	warning	WARNING: sampMatCode.legis does not contain the specific food category code for additives (it is recommended to provide additional product classification);	CHEMON39
VALID_WITH_WARNING	warning	WARNING: sampMatCode.legis does not contain the specific food category code for additives (it is recommended to provide additional product classification);	CHEMON39
VALID_WITH_WARNING	warning	WARNING: sampMatCode.legis does not contain the specific food category code for additives (it is recommended to provide additional product classification);	CHEMON39
VALID_WITH_WARNING	warning	WARNING: sampMatCode.legis does not contain the specific food category code for additives (it is recommended to provide additional product classification);	CHEMON39
VALID_WITH_WARNING	warning	WARNING: sampMatCode.legis does not contain the specific food category code for additives (it is recommended to provide additional product classification);	CHEMON39
VALID_WITH_WARNING	warning	WARNING: sampMatCode.legis does not contain the specific food category code for additives (it is recommended to provide additional product classification);	CHEMON39
VALID_WITH_WARNING	warning	WARNING: sampMatCode.legis does not contain the specific food category code for additives (it is recommended to provide additional product classification);	CHEMON39
VALID_WITH_WARNING	warning	WARNING: sampMatCode.legis does not contain the specific food category code for additives (it is recommended to provide additional product classification);	CHEMON39
VALID_WITH_WARNING	warning	WARNING: sampMatCode.legis does not contain the specific food category code for additives (it is recommended to provide additional product classification);	CHEMON39
VALID_WITH_WARNING	warning	WARNING: sampMatCode.legis does not contain the specific food category code for additives (it is recommended to provide additional product classification);	CHEMON39

EFSA DATA COLLECTION FRAMEWORK (DCF)

Dataset Status: **VALID WITH WARNINGS**

The screenshot shows an Excel spreadsheet with two main tables. The first table lists term codes and their extended names. The second table shows data for 'evalCode' and 'actTakenCode'.

termCode	termExtendedName
A	Administrative consequences
B	Intensified checks before release
C	Follow-up action due to a residue of a pesticide detected in a EU sample, which is not approved for use in the EU territory
D	Denial of community aid
E	Destruction of animals and/or products.
F	Follow-up (suspect) sampling
G	Follow-up action due to the residue of a pesticide detected in a domestic product, which is not authorized in the country
I	Follow-up investigation
M	Lot not released on the market
N	No action
O	Other
P	Follow-up action due to a pesticide residue detected in an organic sample, violating the provisions laid down in the organic farming
R	Rapid Alert Notification
S	Lot recalled from the market
U	Animals and products classified as unfit for human consumption
V	Movement restriction
W	Warnings

evalCode	actTakenCode
J003A	
J003A	

actTakenCode tooltip:

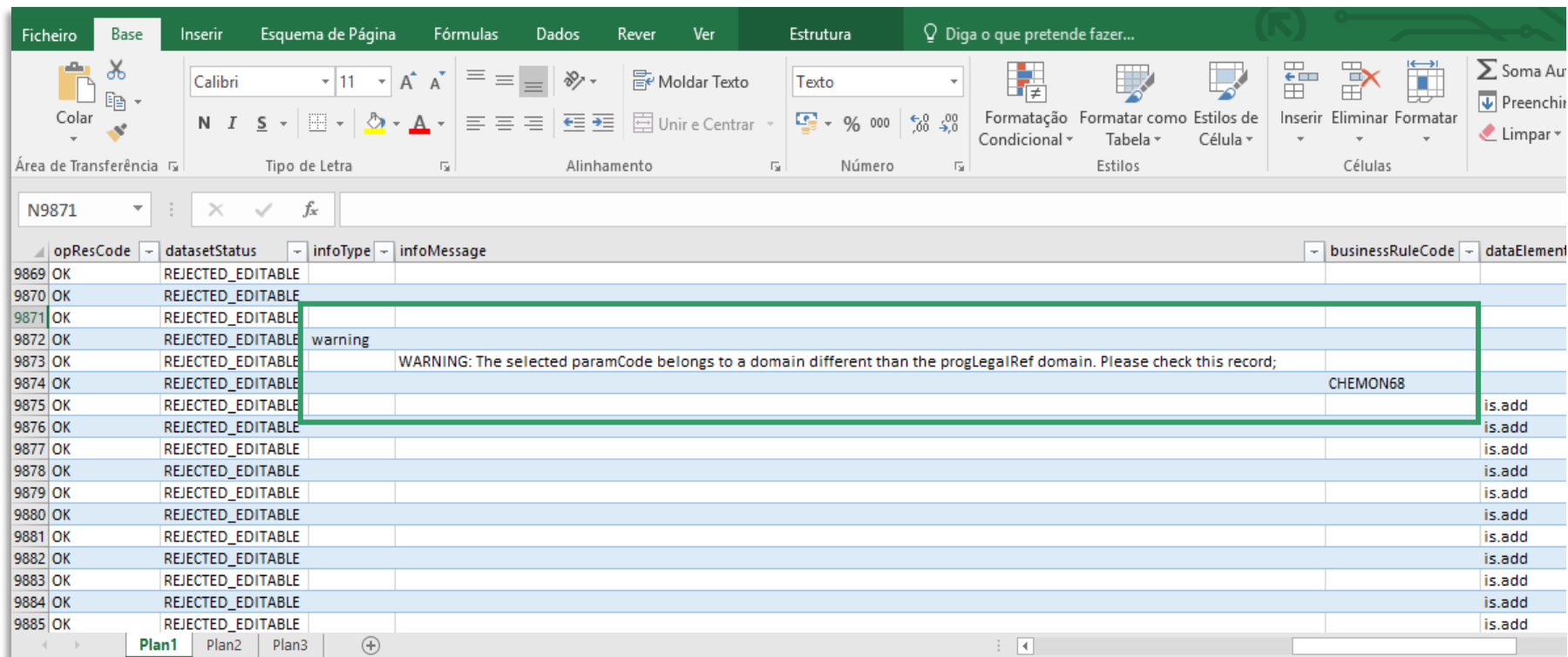
- SSD2 Code: N.05
- SSD2 Element: actTakenCode
- Description: Action taken
- Controlled Terminology: ACTION
- Reporting is: Optional
- SSD2 Format: xs:string(1)
- In SSD1 it was: actTakenCode
- Operational notes: Describe any follow-up actions taken as a result higher than the legal limit.

Must populate the cells with the correspondent code (ACTION catalogue)

EFSA DATA COLLECTION FRAMEWORK (DCF)

- Message Acknowledgment - Details

Dataset Status: **VALID WITH WARNINGS**



The screenshot shows the Microsoft Excel interface with a data table. The table has columns: opResCode, datasetStatus, infoType, infoMessage, businessRuleCode, and dataElement. Row 9871 is highlighted with a green border, and its 'infoMessage' cell contains a warning: 'WARNING: The selected paramCode belongs to a domain different than the progLegalRef domain. Please check this record;'. The 'businessRuleCode' for this row is 'CHEMON68'. The status bar at the bottom indicates 'Plan1' is selected.

opResCode	datasetStatus	infoType	infoMessage	businessRuleCode	dataElement
9869	OK				
9870	OK				
9871	OK				
9872	OK	warning			
9873	OK		WARNING: The selected paramCode belongs to a domain different than the progLegalRef domain. Please check this record;	CHEMON68	is.add
9874	OK				is.add
9875	OK				is.add
9876	OK				is.add
9877	OK				is.add
9878	OK				is.add
9879	OK				is.add
9880	OK				is.add
9881	OK				is.add
9882	OK				is.add
9883	OK				is.add
9884	OK				is.add
9885	OK				is.add

EFSA DATA COLLECTION FRAMEWORK (DCF)

Dataset Status: **VALID WITH WARNINGS**

Chemical Monitoring Reporting Guidance

B.02 Programme legal reference (progLegalRef) (mandatory)

This mandatory data element is used to specify the legal framework under which the sample analysis was undertaken.

This element is also required in a harmonised data collection to support the separation of analytical results into the relevant national and annual reports prepared by EFSA.

This data element is repeatable; this allows multiple values reporting in order to enable the identification of samples analysed for substances falling under more than one legal framework. In particular, results that should be included in more than one report or analysis, should be reported with multiple progLegalRef.

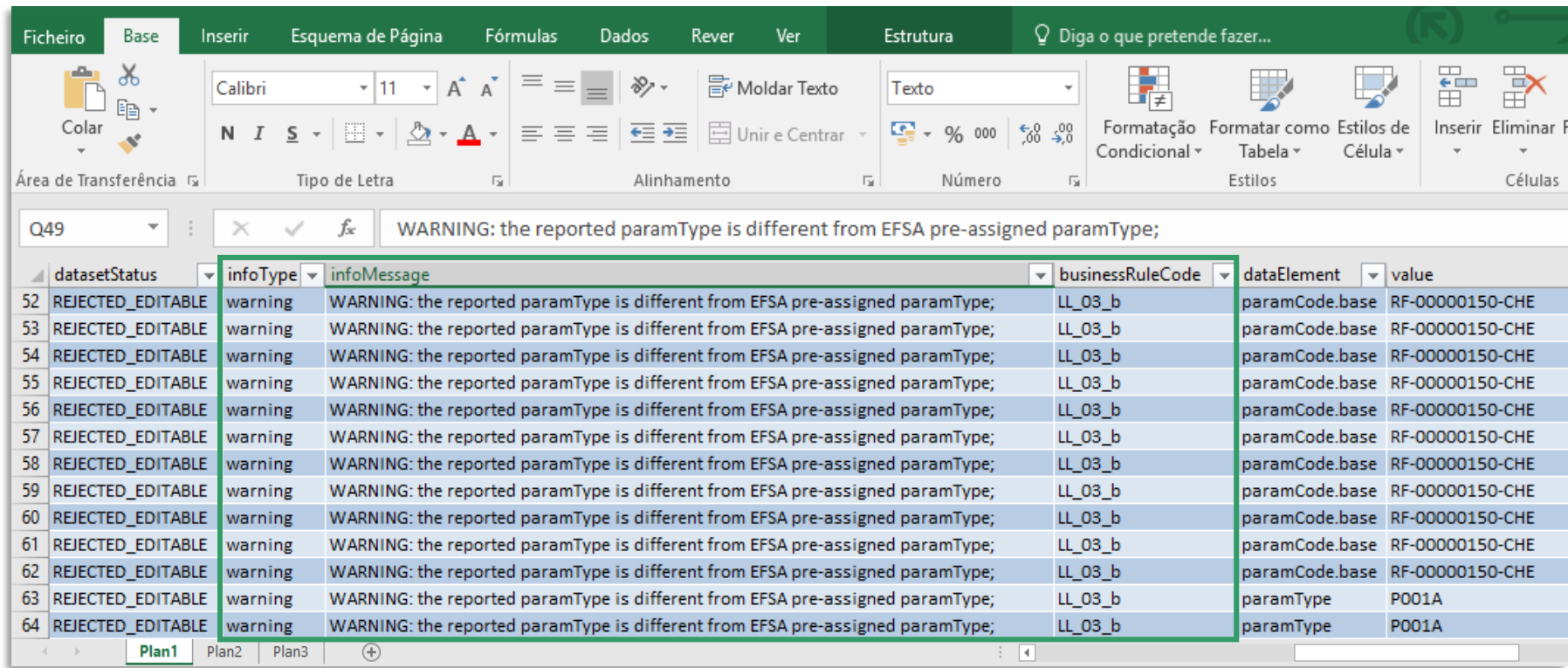
proglid	progLegalRef	sampStrateg
PNCA	N215A	ST10A
PNCA	N215A\$N112A	ST10A
PNCA	N215A\$N112A	ST10A
PNCA	N215A\$N112A	ST10A
PNCA	N215A	ST10A
PNCA	N215A\$N112A	ST10A
PNCA	N215A\$N112A	ST10A
PNCA	N215A\$N112A	ST10A
PNCA	N215A\$N112A	ST10A
PNCA	N215A\$N112A	ST10A
PNCA	N215A\$N112A	ST10A
PNCA	N215A\$N112A	ST10A
PNCA	N215A\$N112A	ST10A
PNCA	N215A\$N112A	ST10A
PNCA	N215A\$N112A	ST10A

progLegalRef code added

EFSA DATA COLLECTION FRAMEWORK (DCF)

- Message Acknowledgment - Details

Dataset Status: **VALID WITH WARNINGS**



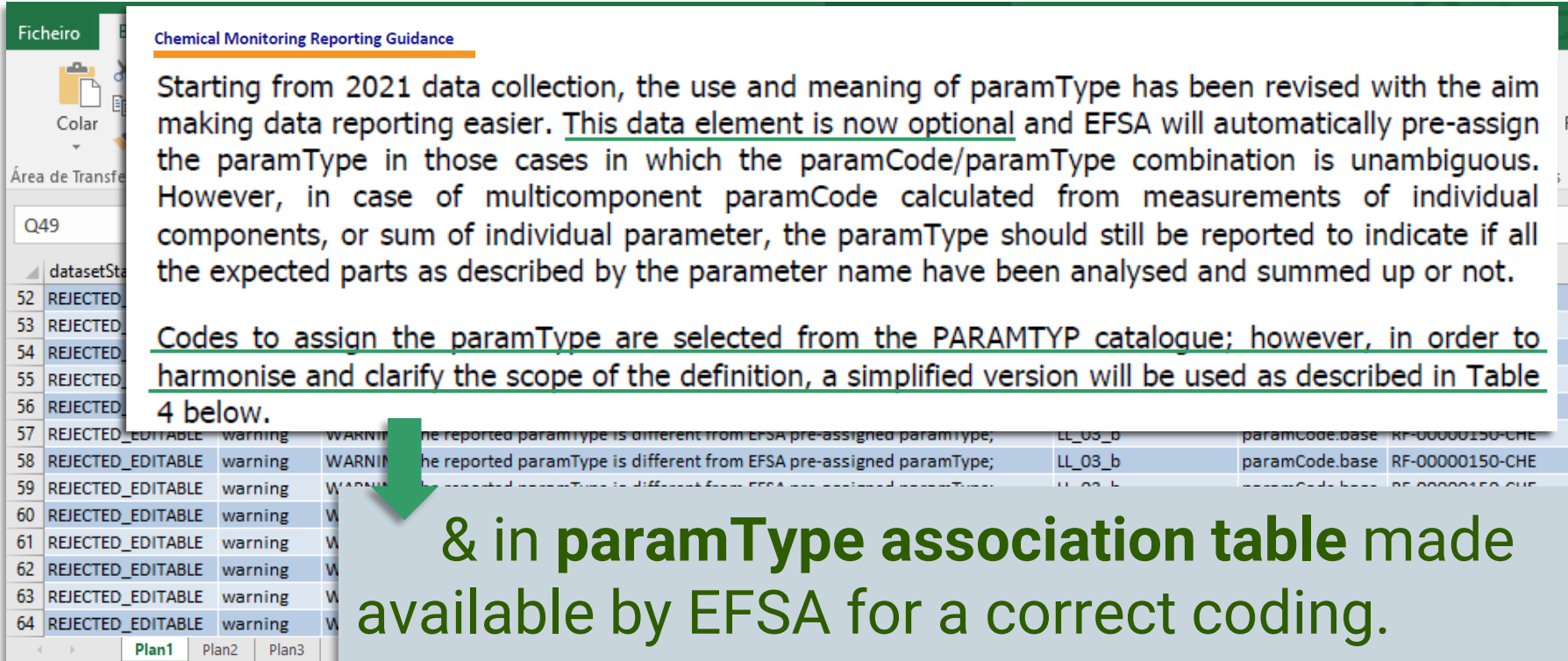
The screenshot shows the Microsoft Excel interface. The active cell is Q49, which contains a warning message: "WARNING: the reported paramType is different from EFSA pre-assigned paramType;". Below the warning bar, a table is displayed with the following columns: datasetStatus, infoType, infoMessage, businessRuleCode, dataElement, and value.

	datasetStatus	infoType	infoMessage	businessRuleCode	dataElement	value
52	REJECTED_EDITABLE	warning	WARNING: the reported paramType is different from EFSA pre-assigned paramType;	LL_03_b	paramCode.base	RF-00000150-CHE
53	REJECTED_EDITABLE	warning	WARNING: the reported paramType is different from EFSA pre-assigned paramType;	LL_03_b	paramCode.base	RF-00000150-CHE
54	REJECTED_EDITABLE	warning	WARNING: the reported paramType is different from EFSA pre-assigned paramType;	LL_03_b	paramCode.base	RF-00000150-CHE
55	REJECTED_EDITABLE	warning	WARNING: the reported paramType is different from EFSA pre-assigned paramType;	LL_03_b	paramCode.base	RF-00000150-CHE
56	REJECTED_EDITABLE	warning	WARNING: the reported paramType is different from EFSA pre-assigned paramType;	LL_03_b	paramCode.base	RF-00000150-CHE
57	REJECTED_EDITABLE	warning	WARNING: the reported paramType is different from EFSA pre-assigned paramType;	LL_03_b	paramCode.base	RF-00000150-CHE
58	REJECTED_EDITABLE	warning	WARNING: the reported paramType is different from EFSA pre-assigned paramType;	LL_03_b	paramCode.base	RF-00000150-CHE
59	REJECTED_EDITABLE	warning	WARNING: the reported paramType is different from EFSA pre-assigned paramType;	LL_03_b	paramCode.base	RF-00000150-CHE
60	REJECTED_EDITABLE	warning	WARNING: the reported paramType is different from EFSA pre-assigned paramType;	LL_03_b	paramCode.base	RF-00000150-CHE
61	REJECTED_EDITABLE	warning	WARNING: the reported paramType is different from EFSA pre-assigned paramType;	LL_03_b	paramCode.base	RF-00000150-CHE
62	REJECTED_EDITABLE	warning	WARNING: the reported paramType is different from EFSA pre-assigned paramType;	LL_03_b	paramCode.base	RF-00000150-CHE
63	REJECTED_EDITABLE	warning	WARNING: the reported paramType is different from EFSA pre-assigned paramType;	LL_03_b	paramType	P001A
64	REJECTED_EDITABLE	warning	WARNING: the reported paramType is different from EFSA pre-assigned paramType;	LL_03_b	paramType	P001A

EFSA DATA COLLECTION FRAMEWORK (DCF)

- Message Acknowledgment - Details

Dataset Status: **VALID WITH WARNINGS**



Chemical Monitoring Reporting Guidance

Starting from 2021 data collection, the use and meaning of paramType has been revised with the aim making data reporting easier. This data element is now optional and EFSA will automatically pre-assign the paramType in those cases in which the paramCode/paramType combination is unambiguous. However, in case of multicomponent paramCode calculated from measurements of individual components, or sum of individual parameter, the paramType should still be reported to indicate if all the expected parts as described by the parameter name have been analysed and summed up or not.

Codes to assign the paramType are selected from the PARAMTYP catalogue; however, in order to harmonise and clarify the scope of the definition, a simplified version will be used as described in Table 4 below.

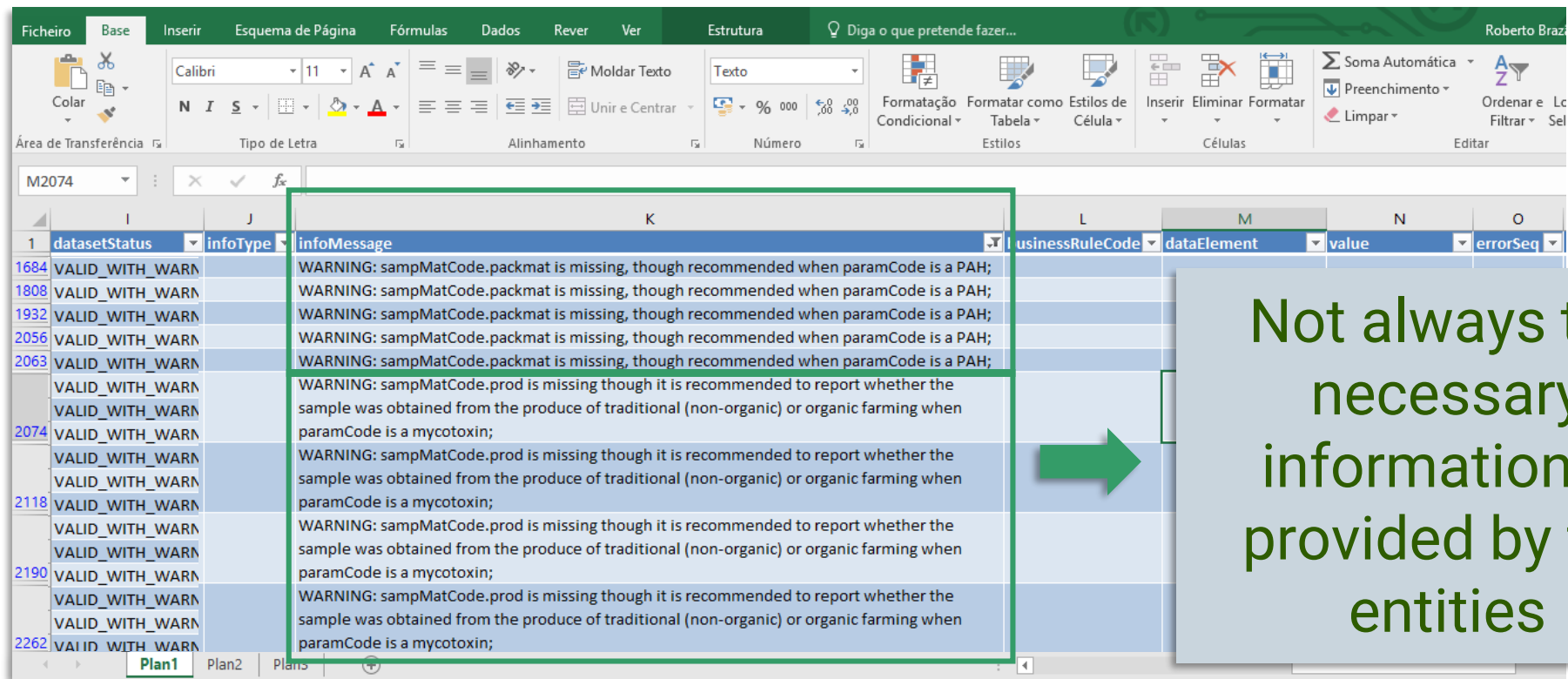
& in paramType association table made available by EFSA for a correct coding.

datasetSta						
52	REJECTED					
53	REJECTED					
54	REJECTED					
55	REJECTED					
56	REJECTED					
57	REJECTED_EDITABLE	warning	WARNIN	the reported paramType is different from EFSA pre-assigned paramType;	LL_03_b	paramCode.base RF-00000150-CHE
58	REJECTED_EDITABLE	warning	WARNIN	the reported paramType is different from EFSA pre-assigned paramType;	LL_03_b	paramCode.base RF-00000150-CHE
59	REJECTED_EDITABLE	warning	WARNIN	the reported paramType is different from EFSA pre-assigned paramType;	LL_03_b	paramCode.base RF-00000150-CHE
60	REJECTED_EDITABLE	warning	W			
61	REJECTED_EDITABLE	warning	W			
62	REJECTED_EDITABLE	warning	W			
63	REJECTED_EDITABLE	warning	W			
64	REJECTED_EDITABLE	warning	W			

EFSA DATA COLLECTION FRAMEWORK (DCF)

- Message Acknowledgment - Details

Dataset Status: **VALID WITH WARNINGS**



	I	J	K	L	M	N	O
	datasetStatus	infoType	infoMessage	businessRuleCode	dataElement	value	errorSeq
1684	VALID_WITH_WARN		WARNING: sampMatCode.packmat is missing, though recommended when paramCode is a PAH;				
1808	VALID_WITH_WARN		WARNING: sampMatCode.packmat is missing, though recommended when paramCode is a PAH;				
1932	VALID_WITH_WARN		WARNING: sampMatCode.packmat is missing, though recommended when paramCode is a PAH;				
2056	VALID_WITH_WARN		WARNING: sampMatCode.packmat is missing, though recommended when paramCode is a PAH;				
2063	VALID_WITH_WARN		WARNING: sampMatCode.packmat is missing, though recommended when paramCode is a PAH;				
	VALID_WITH_WARN		WARNING: sampMatCode.prod is missing though it is recommended to report whether the sample was obtained from the produce of traditional (non-organic) or organic farming when paramCode is a mycotoxin;				
	VALID_WITH_WARN		WARNING: sampMatCode.prod is missing though it is recommended to report whether the sample was obtained from the produce of traditional (non-organic) or organic farming when paramCode is a mycotoxin;				
2074	VALID_WITH_WARN		WARNING: sampMatCode.prod is missing though it is recommended to report whether the sample was obtained from the produce of traditional (non-organic) or organic farming when paramCode is a mycotoxin;				
	VALID_WITH_WARN		WARNING: sampMatCode.prod is missing though it is recommended to report whether the sample was obtained from the produce of traditional (non-organic) or organic farming when paramCode is a mycotoxin;				
2118	VALID_WITH_WARN		WARNING: sampMatCode.prod is missing though it is recommended to report whether the sample was obtained from the produce of traditional (non-organic) or organic farming when paramCode is a mycotoxin;				
	VALID_WITH_WARN		WARNING: sampMatCode.prod is missing though it is recommended to report whether the sample was obtained from the produce of traditional (non-organic) or organic farming when paramCode is a mycotoxin;				
2190	VALID_WITH_WARN		WARNING: sampMatCode.prod is missing though it is recommended to report whether the sample was obtained from the produce of traditional (non-organic) or organic farming when paramCode is a mycotoxin;				
	VALID_WITH_WARN		WARNING: sampMatCode.prod is missing though it is recommended to report whether the sample was obtained from the produce of traditional (non-organic) or organic farming when paramCode is a mycotoxin;				
2262	VALID_WITH_WARN		WARNING: sampMatCode.prod is missing though it is recommended to report whether the sample was obtained from the produce of traditional (non-organic) or organic farming when paramCode is a mycotoxin;				

Not always the necessary information is provided by the entities

BUSINESS RULES

- **Business rules (BR)** are provided to ensure the data submitted through the EFSA Data Collection Framework (DCF) are fit for purpose for use in EFSA's scientific assessments.
- Available in:

EFSA (European Food Safety Authority), 2023. *Chemical monitoring reporting guidance: 2023 data collection.*

EFSA Supporting Publications. Volume 20, Issue 2
<https://doi.org/10.2903/sp.efsa.2023.EN-7851>

BUSINESS RULES

- Message Acknowledgment - Details

EFSA, 2023. Chemical monitoring reporting guidance: 2023 data collection.

	L	M	N
1	businessRuleCode	dataElement	value
2	ng data	CHEMON21	exprResPerc.fatPerc
3	ng data	CHEMON21	exprResPerc.fatPerc
4	ng data	CHEMON21	exprResPerc.fatPerc
5	ng data	CHEMON21	exprResPerc.fatPerc
6	ng data	CHEMON21	exprResPerc.fatPerc
7	ng data	CHEMON21	paramCode.base
8	ng data	CHEMON21	paramCode.base
9	ng data	CHEMON21	paramCode.base
10	ng data	CHEMON21	paramCode.base
11	ng data	CHEMON21	paramCode.base
12	ng data	CHEMON21	paramCode.base
13	ng data	CHEMON21	paramCode.base
14	ng data	CHEMON21	paramCode.base
15	ng data	CHEMON21	paramCode.base
16	ng data	CHEMON21	paramCode.base
17	an the r	CHEMON41	resLOQ
18	an the r	CHEMON41	resType
19	an the r	CHEMON41	resVal
20	an the r	CHEMON41	resLOQ
21	an the r	CHEMON41	resType
22	an the r	CHEMON41	resType
23	an the r	CHEMON41	resVal
24	an the r	CHEMON41	resLOQ
25	an the r	CHEMON41	resLOQ
26	an the r	CHEMON41	resType

Chemical Monitoring Reporting Guidance

Business Rule Code	Description	Error Message	Type of Error	Status	Comment
CHEMON21	If the value in the data element 'Parameter code' (paramCode.base) has as ancestor 'Brominated flame retardants' (RF-0000074-ORG), or 'Dioxins and PCBs' (RF-0000114-ORG), or '3-MCPDs' (RF-00000376-ORG), then a value in the data element 'Percentage of fat in the original sample' (exprResPerc.fatPerc) should be reported (regardless of whether the result value is expressed on whole weight, fat weight or dry matter);	WARNING: exprResPerc.fatPerc is missing, though recommended when reporting data on BFR, dioxins and PCBs, or 3-MCPDs;	warning	active	
CHEMON22	If the value in 'Link To Original Sample' (sampInfo.origSampId) is reported, i.e. a follow-up sample, then the value in 'Sampling Strategy' (sampStrategy) should be 'suspect sampling' (ST30A);	WARNING: sampStrategy is not suspect sampling, though sampInfo.origSampId is reported;	warning	active	
CHEMON23	The value in the data element 'Analytical Method Type' (anMethType) must be equal to 'Screening' (AT06A), or 'Confirmation' (AT08A);	anMethType is not screening or confirmation;	error	active	
CHEMON24	The value in the data element 'Result qualitative value' (resQualValue) must be equal to 'negative/absent' (NEG),	resQualValue is different from negative/absent;	error	active	

BUSINESS RULES

- Message Acknowledgment - Details

EFSA, 2023. Chemical monitoring reporting guidance: 2023 data collection.

Business Rule Code	Description	Error/Warning Message	Type of error	Status	Comment
GBR34	If 'Evaluation of the result' (evalCode) is either 'above the level of concern' (J003A) or 'Compliant due to measurement uncertainty' (J031A), and the value in 'Type of limit for the result evaluation' (evalLimitType) is different from 'Minimum Required Performance Limit (MRPL)' (W005A), then 'Result value' (resVal) must be greater than 'Limit for the result evaluation' (evalLowLimit);	resVal is lower than evalLowLimit, though evalCode is either 'above the level of concern' (J003A) or 'Compliant due to measurement uncertainty' (J031A);	error	active	
GBR35	If 'Evaluation of the result' (evalCode) is 'below or equal to the level of concern' (J002A), then 'Result value' (resVal) must be less than or equal to 'Limit for the result evaluation' (evalLowLimit);	resVal is greater than evalLowLimit, though evalCode is 'below or equal to maximum permissible quantities' (J002A);	error	active	
GBR36	If the value in the data element 'Type of result' (resType) is 'Non Detected Value (below LOD)' (LOD), then a value must be reported in the data element 'Result LOD' (resLOD);	resLOD is missing, though resType is 'Non Detected Value (below LOD)' (LOD);	error	active	
GBR37	The value in 'Result LOD' (resLOD) must be less than or equal to the value in 'Result LOQ' (resLOQ);	resLOD is not less than or equal to resLOQ;	error	active	
GBR38	The value in 'Result LOD' (resLOD) must be greater than '0';	resLOD is not greater than '0';	error	active	

EFSA DATA COLLECTION FRAMEWORK (DCF)

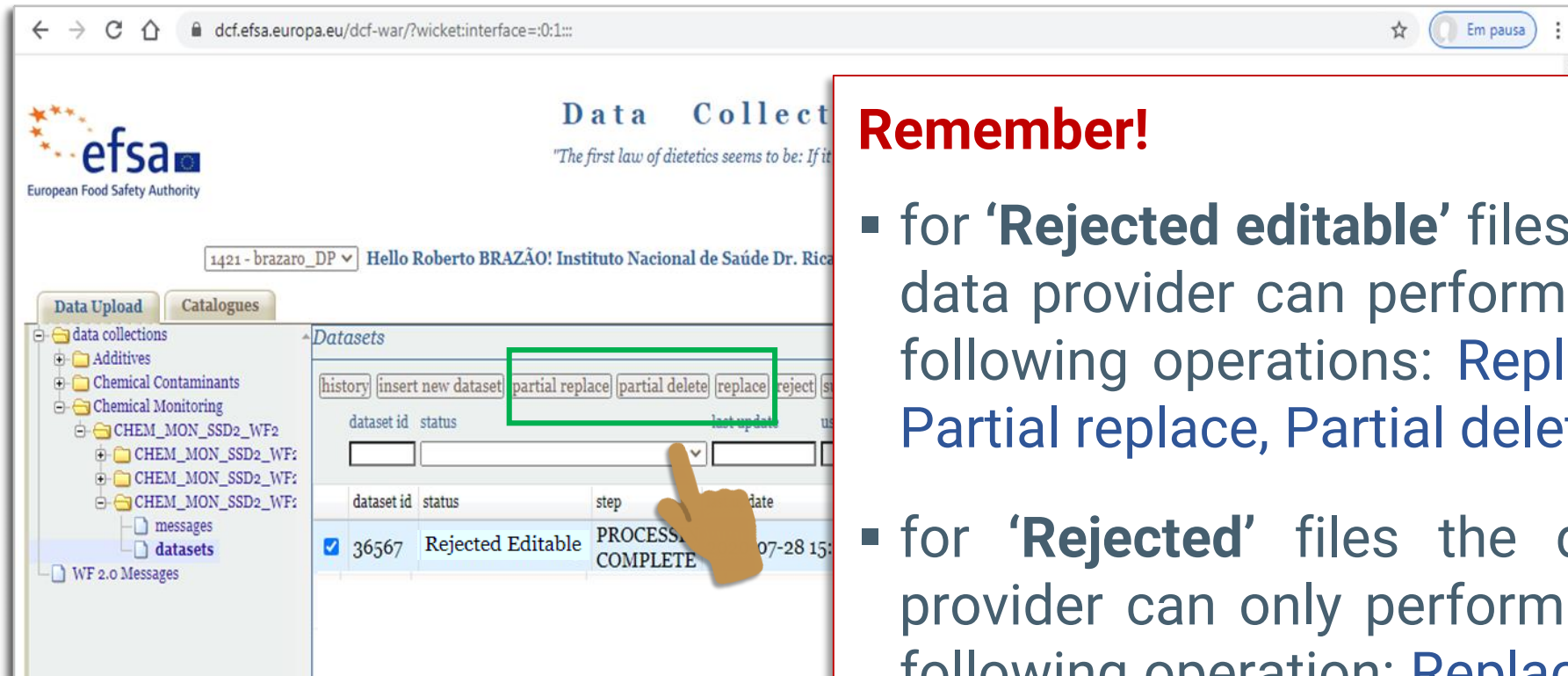
- (Re)Transmission of the **XML file** to the EFSA Data Collection Framework

Following operation:
Replace, Partial replace,
Partial delete, Reject or
Submit

dataset id	status	step	last update	user
36567	Valid with Warning	PROCESSING COMPLETE	2007-28 15:29:13	

EFSA DATA COLLECTION FRAMEWORK (DCF)

- (Re)Transmission of the **XML file** to the EFSA Data Collection Framework



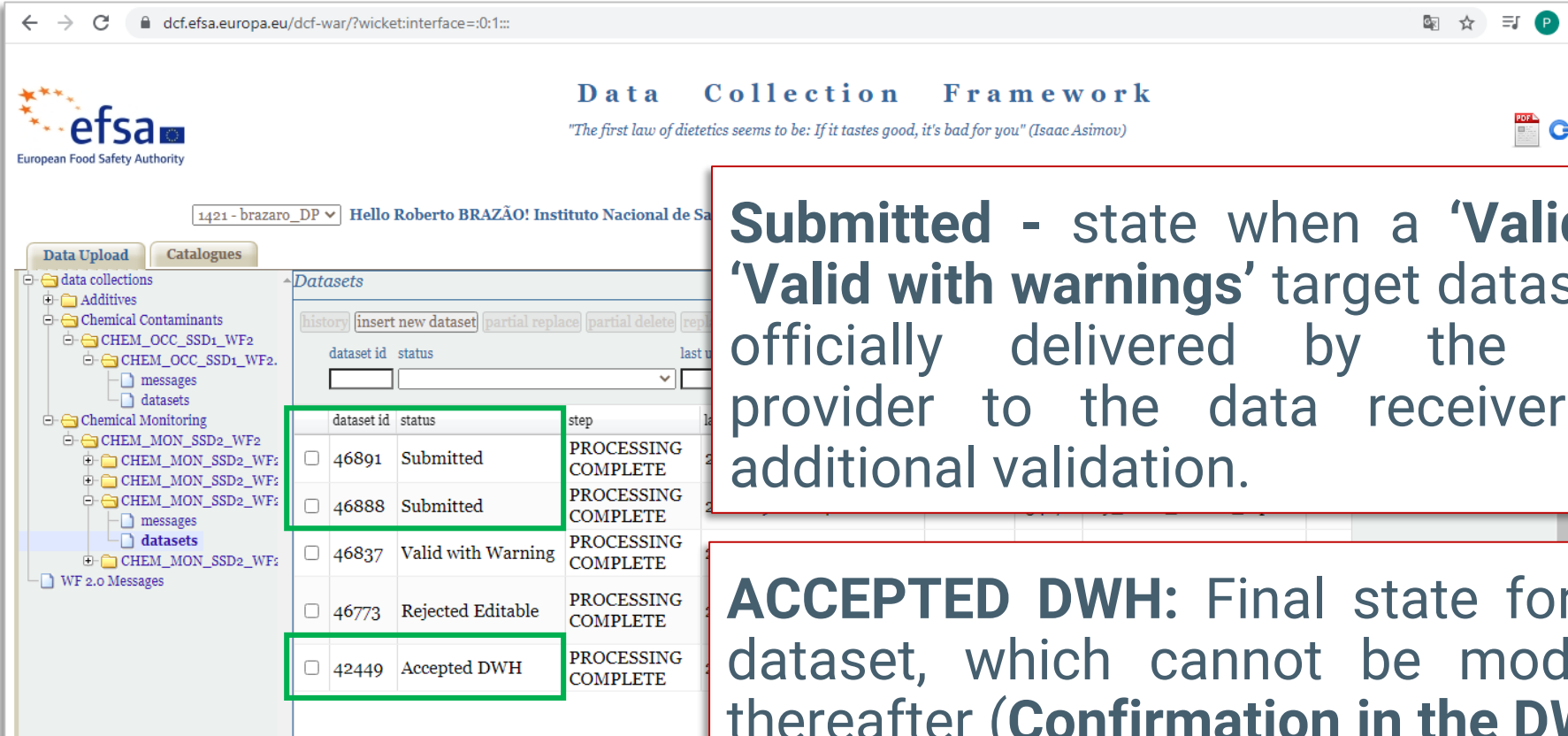
The screenshot shows the EFSA Data Collection Framework (DCF) interface. The browser address bar displays 'dcf.efsa.europa.eu/dcf-war/?wicket:interface=:0:1:::'. The page header includes the EFSA logo and the text 'Data Collect' and 'The first law of dietetics seems to be: If it'. The user is logged in as '1421 - brazaro_DP' and the interface shows a 'Hello Roberto BRAZÃO! Instituto Nacional de Saúde Dr. Ricardo Jorge' message. The left sidebar shows a tree view of 'data collections' including 'Additives', 'Chemical Contaminants', and 'Chemical Monitoring'. The main area displays a table of datasets with columns for 'dataset id', 'status', 'step', and 'date'. A dataset with 'dataset id' 36567 and 'status' 'Rejected Editable' is highlighted. A green box highlights the 'partial replace', 'partial delete', and 'replace' buttons in the dataset's action menu. A hand icon points to the 'partial replace' button.

Remember!

- for **'Rejected editable'** files the data provider can perform the following operations: Replace, Partial replace, Partial delete;
- for **'Rejected'** files the data provider can only perform the following operation: Replace.

EFSA DATA COLLECTION FRAMEWORK (DCF)

- Submitted & Accepted datasets



The screenshot shows the EFSA Data Collection Framework (DCF) web interface. The page title is "Data Collection Framework" with a quote by Isaac Asimov: "The first law of dietetics seems to be: If it tastes good, it's bad for you". The interface includes a navigation menu on the left with categories like "Additives", "Chemical Contaminants", and "Chemical Monitoring". A table of datasets is displayed in the center, with columns for "dataset id", "status", and "step". Two rows are highlighted with green boxes: one with dataset id 46891 (Submitted) and another with dataset id 42449 (Accepted DWH). A red-bordered text box on the right explains the "Submitted" state, and another red-bordered text box at the bottom explains the "ACCEPTED DWH" state.

dataset id	status	step
46891	Submitted	PROCESSING COMPLETE
46888	Submitted	PROCESSING COMPLETE
46837	Valid with Warning	PROCESSING COMPLETE
46773	Rejected Editable	PROCESSING COMPLETE
42449	Accepted DWH	PROCESSING COMPLETE

Submitted - state when a 'Valid' or 'Valid with warnings' target dataset is officially delivered by the data provider to the data receiver for additional validation.

ACCEPTED DWH: Final state for the dataset, which cannot be modified thereafter (**Confirmation in the DWH**).

QUESTIONS & ANSWERS



The VALIDATION CHECK functionality of the EFSA Excel Reporting Tool FLAT parses the entire "Samples worksheet" to check:

- if the content of all the SSD2 fields are complete and controlled;
- if the controlled terminology catalogues are correctly applied;
- if the controlled terminology catalogues are correctly applied as well as if mandatory fields are complete;

QUESTIONS & ANSWERS



The VALIDATION CHECK functionality of the EFSA Excel Reporting Tool FLAT parses the entire "Samples worksheet" to check:

- if the content of all the SSD2 fields are complete and controlled;
- if the controlled terminology catalogues are correctly applied;

- ✓ - if the controlled terminology catalogues are correctly applied as well as if mandatory fields are complete;

QUESTIONS & ANSWERS



The selected type of result (*resType*) is VAL for a reported result (*resVal*) that contains a value less than the corresponding LOQ. This is

- an error?
- an warning?
- none of them?

QUESTIONS & ANSWERS



The selected type of result (*resType*) is VAL for a reported result (*resVal*) that contains a value less than the corresponding LOQ. This is



- an error? (Became an error in 2023!)

- an warning?

- none of them?

QUESTIONS & ANSWERS



Starting from 2021 data collection the Type of parameter (*paramType*) is no longer a mandatory variable.

- reporting this field is always optional;
- reporting this field is optional for chemical contaminants but mandatory for all the remaining domains;
- reporting this field is mandatory in case of multicomponent *paramCode* calculated from measurements of individual components, or sum of individual parameters;

QUESTIONS & ANSWERS



Starting from 2021 data collection the Type of parameter (*paramType*) is no longer a mandatory variable.

- reporting this field is always optional;
- reporting this field is optional for chemical contaminants but mandatory for all the remaining domains;
- ✓ - reporting this field is mandatory in case of multicomponent *paramCode* calculated from measurements of individual components, or sum of individual parameters;

**Thank you for your
attention!**

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