



EUROPEAN
COMMISSION

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ANNEXES 1 to 3

ANNEXES

to the

REPORT FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT AND THE COUNCIL

on food and food ingredients treated with ionising radiation for the years 2020-2021

ANNEX I

Quantities of foodstuffs (tonnes) treated by ionising radiation in approved irradiation facilities of EU
Member States in 2020-2021

Country	Treated quantity (tonnes)
Belgium	4172.7
Czech Republic	30
Germany	89.4
Estonia	83.8
Spain	112.6
France	273.5
Croatia	22.8
Hungary	212.1
The Netherlands	8.5
Poland	23.7
Total EU:	5029.1

ANNEX II

Samples analysed and results obtained for the European Union and Northern Ireland in 2020-2021

Country	Compliant	Inconclusive	Non-compliant	Total samples	% of total EU samples
Belgium	174	56	1	231	3,05%
Bulgaria	3	0	0	3	0,04%
Czech Republic	51	12	4	67	0,87%
Denmark	NCP	NCP	NCP	NCP	NCP
Germany	4141	1	23	4165	54,32%
Estonia	NCP	NCP	NCP	NCP	NCP
Ireland	100	0	1	101	1,32%
Greece	20	0	0	20	0,26%
Spain	310	0	1	311	4,06%
France	65	4	4	73	0,95%
Croatia	175	0	2	177	2,31%
Italy	789	0	3	792	10,33%
Cyprus	NCP	NCP	NCP	NCP	NCP
Latvia	16	0	2	18	0.24%
Lithuania	5	0	0	5	0,07%
Luxembourg	68	2	0	70	0,91%
Hungary	129	0	0	129	1,68%
Malta	59	0	0	59	0,77%
The Netherlands	37	0	0	37	0,48%
Austria	94	0	0	94	1,23%
Poland	469	2	5	476	6,21%
Portugal	26	0	0	26	0,34%
Romania	564	0	6	570	7,43%
Slovenia	42	0	0	42	0,55%
Slovakia	50	0	0	50	0,65%
Finland	130	0	11	141	1,84%
Sweden	4	3	3	10	0,13%
TOTAL EU	7521	80	66	7667	100%
TOTAL EU (%)	98,1%	1%	0.9%	100%	
Northern Ireland	NCP	NCP	NCP	NCP	

NCP: no check performed

ANNEX III

Categories of products irradiated and respective doses administered by country in 2020-2021

Country	Foodstuffs	Absorbed doses (kGy)
Belgium	Dehydrated blood, plasma, coagulates	1 - 4.9
	Frozen frog legs	3.62 – 4.41 4.2 – 4.22
	Poultry	3.2 - 3.4 3.49 – 3.49
Croatia	Aromatic herbs, spices and vegetable seasoning (dried)	NDA
Czech Republic	Aromatic herbs, spices and vegetable seasoning (dried)	2.98 -9.99 3.34 - 9.97
Estonia	Aromatic herbs, spices and vegetable seasoning (dried)	8 – 10
France	Frozen frog legs	5 - 5
	Aromatic herbs, spices and vegetable seasoning (dried)	7.5 - 7.5
Germany	Aromatic herbs, spices and vegetable seasoning (dried)	5 -5
Hungary	Aromatic herbs, spices and vegetable seasoning (dried)	2 – 10
		3 – 10
The Netherlands	Aromatic herbs, spices and vegetable seasoning (dried)	2.3 - 15
Poland	Aromatic herbs, spices and vegetable seasoning (dried)	5 - 10
Spain	Aromatic herbs, spices and vegetable seasoning (dried)	8.6 - 9.6
		9 – 9.6

NDA: no data available