



Council of the  
European Union

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**COVER NOTE**

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| From:          | Secretary-General of the European Commission, signed by Ms Martine DEPREZ, Director  |
| To:            | Ms Thérèse BLANCHET, Secretary-General of the Council of the European Union  |
| No. Cion doc.: | COM(2023) 676 final ANNEXES 1 to 3   |
| Subject:       | ANNEXES 1 to 3 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 |

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Delegations will find attached document COM(2023) 676 final ANNEXES 1 to 3.

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Encl.: COM(2023) 676 final ANNEXES 1 to 3



Brussels, 27.10.2023  
COM(2023) 676 final

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

| <b>Country</b>   | <b>Treated quantity<br/>(tonnes)</b> |
|------------------|--------------------------------------|
| 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                                 |
| <b>Total EU:</b> | <b>5029.1</b>                        |

## 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%                 |
| <b>TOTAL EU</b>     | <b>7521</b>  | <b>80</b>    | <b>66</b>     | <b>7667</b>   | <b>100%</b>           |
| <b>TOTAL EU (%)</b> | <b>98,1%</b> | <b>1%</b>    | <b>0,9%</b>   | <b>100%</b>   |                       |
|                     |              |              |               |               |                       |
| 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

| <b>Country</b>  | <b>Foodstuffs</b>                                      | <b>Absorbed doses (kGy)</b> |
|-----------------|--|-----------------------------|
| Belgium         | Dehydrated blood, plasma, coagulates                   | 1 - 4.9                     |
|                 | Frozen frog legs                                       | 3.62 – 4.41<br>4.2 – 4.22   |
|                 | Poultry  | 3.2 - 3.4<br>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<br>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<br>3 – 10            |
|                 | Aromatic herbs, spices and vegetable seasoning (dried) | 2.3 - 15                    |
| 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<br>9 – 9.6        |

NDA: no data available