

CADOR^{med} III

Sr-90

EURADOS

European Radiation Dosimetry Group

I - Calculation parameters

Radionuclide Sr-90

Route of intake Mixed

Type -

fA 2,50E-01

AMAD 5 µm

e(50) (Sv/Bq) 2,60E-08

Date of intake 22/05/2025 12:00

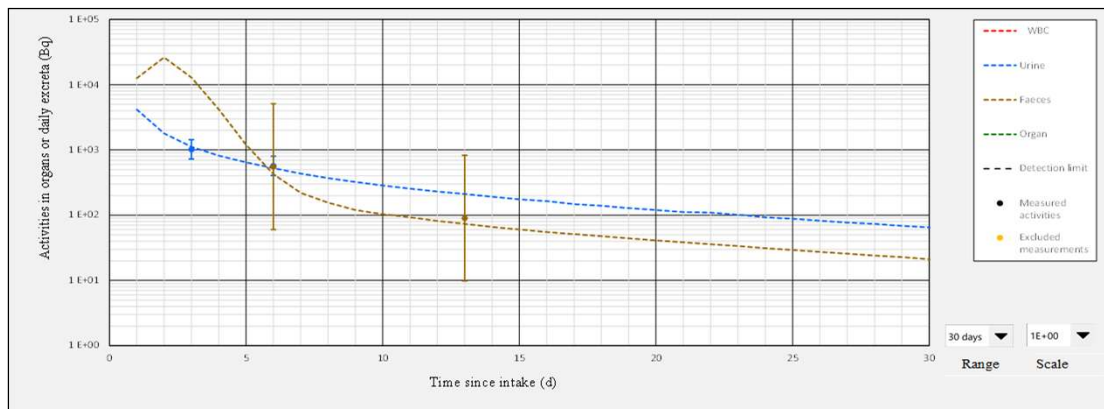
II - Measured activities (Bq)

| | | | | | | | | | | | | |
|--------|------------|------------|------------|--|--|--|--|--|--|--|--|--|
| Date | 25/05/2025 | 28/05/2025 | 04/06/2025 | | | | | | | | | |
| Hour | 12:00 | 12:00 | 12:00 | | | | | | | | | |
| WBC | | | | | | | | | | | | |
| Urine | 1,02E+03 | 5,70E+02 | | | | | | | | | | |
| Faeces | | 5,55E+02 | 9,00E+01 | | | | | | | | | |
| Organ | | | | | | | | | | | | |

III - Goodness of fit

1 - Aspect of the chart

2 - Chi-squared test



0,62

Theoretical Chi² 7,81

3

P-value 0,89

Fit is not rejected by Chi-squared test

IV - Intake and Committed effective dose

Radionuclide

Sr-90

Intake (Bq)

8,44E+04

Dose (mSv)

2,19E+00