



**The IAEA-TEL-2020-03 world wide open proficiency test on the determination of anthropogenic and natural radionuclides in water, fish and simulated aerosol filter samples**

**Laboratory's Rapid Report  
Laboratory Code: 5 (CuNo: 13949)  
Total Pages (with cover): 3**



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## NAEL Proficiency Test Reporting

### Rapid reporting for $\gamma$ -emitters. Reference date: 01.01.2020

Labcode:5

Record	Labcode	Sample	Method	Isotope	Activity Value	Activity Uncertainty Coverage Factor k=1	Detection Limit	Unit
Rec. 0	5	1	alpha/beta	gross_beta				[Bq/kg]
Rec. 1	5	1	alpha/beta	Sr-90				[Bq/kg]
Rec. 2	5	2	alpha/beta	gross_alpha				[Bq/kg]
Rec. 3	5	2	alpha/beta	gross_beta				[Bq/kg]
Rec. 4	5	2	alpha/beta	Ra-224				[Bq/kg]
Rec. 5	5	2	alpha/beta	Ra-226				[Bq/kg]
Rec. 6	5	2	alpha/beta	Ra-228				[Bq/kg]
Rec. 7	5	2	alpha/beta	Th-228				[Bq/kg]
Rec. 8	5	4	alpha/beta	gross_alpha				[Bq/kg d.w.]
Rec. 9	5	4	alpha/beta	gross_beta				[Bq/kg d.w.]
Rec. 10	5	4	alpha/beta	Pb-210				[Bq/kg d.w.]
Rec. 11	5	4	alpha/beta	Po-210				[Bq/kg d.w.]
Rec. 12	5	4	alpha/beta	Ra-224				[Bq/kg d.w.]
Rec. 13	5	4	alpha/beta	Ra-226				[Bq/kg d.w.]
Rec. 14	5	4	alpha/beta	Ra-228				[Bq/kg d.w.]
Rec. 15	5	4	alpha/beta	Th-228				[Bq/kg d.w.]
Rec. 16	5	5	alpha/beta	gross_beta				[Bq/filter]
Rec. 17	5	6	alpha/beta	gross_beta				[Bq/filter]
Rec. 18	5	7	alpha/beta	gross_beta				[Bq/filter]
Rec. 19	5	1	gamma	Cs-134	33.9	2.4	3.6	[Bq/kg]
Rec. 20	5	1	gamma	Cs-137	67.2	4.5	4.4	[Bq/kg]
Rec. 21	5	1	gamma	Na-22	74.7	5.1	4.4	[Bq/kg]
Rec. 22	5	2	gamma	Ac-228	22.3	3.2	15	[Bq/kg]
Rec. 23	5	2	gamma	Pb-212	5.9	1.6	3.6	[Bq/kg]
Rec. 24	5	2	gamma	Ra-224	5.9	1.6	3.6	[Bq/kg]
Rec. 25	5	2	gamma	Ra-228	22.3	3.2	15	[Bq/kg]
Rec. 26	5	2	gamma	Th-228	5.9	1.6	3.6	[Bq/kg]
Rec. 27	5	4	gamma	Ac-228	39.9	4.8	25	[Bq/kg d.w.]
Rec. 28	5	4	gamma	Cs-134	123.2	7.1	5.2	[Bq/kg d.w.]
Rec. 29	5	4	gamma	Cs-137	19.2	1.8	5.9	[Bq/kg d.w.]
Rec. 30	5	4	gamma	K-40	434	52	82	[Bq/kg d.w.]
Rec. 31	5	4	gamma	Pb-210	98.0	9.9	22	[Bq/kg d.w.]
Rec. 32	5	4	gamma	Ra-228	39.9	4.8	25	[Bq/kg d.w.]
Rec. 33	5	5	gamma	Ag-110m	54.9	2.9	0.30	[Bq/filter]
Rec. 34	5	5	gamma	Se-75	17.06	0.94	0.16	[Bq/filter]
Rec. 35	5	6	gamma	Ag-110m	34.2	1.8	0.27	[Bq/filter]
Rec. 36	5	6	gamma	Se-75	30.3	1.7	0.28	[Bq/filter]
Rec. 37	5	7	gamma	Ag-110m	19.0	1.0	0.26	[Bq/filter]
Rec. 38	5	7	gamma	Ce-144			2.0	[Bq/filter]
Rec. 39	5	7	gamma	Se-75	111.7	6.0	0.22	[Bq/filter]

Submit Data

[first](#) Record 1 of 1 [last](#)

Proficiency Test ID IAEA-TEL-2020-03

<b>Labcode</b>	<b>5</b>
<b>Yes, I want to finally submit my data</b>	data not submitted
<b>Edit</b>	

*Note: To finally submit your data, please click the edit button of the above form, tick the checkbox and save the record. After that all forms are converted to read-only tables and your data can be used for evaluation.*

*In order to ensure the integrity of the data used for evaluation it is recommended to download the summary report accessible on this page after submission, sign and send to the organiser by fax: +43 2600 28222 or scanned by e-mail to [s.tarjan@iaea.org](mailto:s.tarjan@iaea.org).*

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