



REPORT

determination of radionuclides No: 08532/2009

Ordering party: BIOMASA
združenie právnických osôb
023 34 Kysucký Lieskovec 743

Measurement specification: Determination of naturally occurring and man-made radionuclides

Sample identification : "Pellets BIOMASA"

Sampling date : 18.6.2009

Sampling place: Kysucký Lieskovec

Sampling methods: Sampling by ordering party

ID number CEV of RUVZ BB: 8532/2009

Results of measurement: Reference date: 18.6.2009

Radionuclide	Specific activity [Bq/kg]	U* [Bq/kg]	End of measurement
Ra-226	3,10	1,0	23.6.2009
Th-232	< 1,7	---	23.6.2009
K-40	10,6	5,2	23.6.2009
Cs-137	0,99	0,24	23.6.2009
Cs-134	< 0,40	---	23.6.2009
Co-60	< 0,41	---	23.6.2009
Am-241	< 2,60	---	23.6.2009

* U -expanded combined uncertainty with coverage factor $k = 2$.

Evaluation: RNDr. Ďurec

Measurement method: Gammaspectrometry by HPGe detector

Conclusion: Specific activities of radionuclides identified in sample do not mean health risk for user of material and material satisfy to radiation protection criteria.

Responsible person: MUDr. Pavol Adámek

Banská Bystrica, date : 24.6.2009

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