

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by ICG. Certificate Number. 110212Q

Catalogue Number	010733
Lot Number	62600236
Description	Lithium bromide hydrate, Puratronic®, 99.995% (metals basis)
CAS Number	85017-82-9
Quality Test/Release Date	05/Apr/2026
Suggested retest date	05/Apr/2031
Country of Origin	INDIA
Declaration of Origin	Synthetic
BSE/TSE	Not directly derived from or manufactured with any animal byproducts in any way (including but not limited to fermentation or nutrient broth, catalysts, enzymes).

Result Name	Units	Specifications	Test Value
Rhenium (Re)	PPM	0.004	0.004
Germanium (Ge)	PPM	0.004	0.004
Neodymium (Nd)	PPM	0.004	0.004
Bismuth (Bi)	PPM	0.009	0.009
Tungsten (W)	PPM	0.026	0.026
Chromium (Cr)	PPM	0.028	0.028
Thallium (Tl)	PPM	0.040	0.040
Titanium (Ti)	PPM	0.044	0.044
Cadmium (Cd)	PPM	0.058	0.058
Silver (Ag)	PPM	0.068	0.068
Nickel (Ni)	PPM	0.069	0.069
Copper (Cu)	PPM	0.097	0.097
Manganese (Mn)	PPM	0.100	0.100
Arsenic (As)	PPM	0.102	0.102
Rubidium (Rb)	PPM	0.170	0.170
Calcium (Ca)	PPM	0.184	0.184
Iron (Fe)	PPM	0.200	0.200
Strontium (Sr)	PPM	0.243	0.243
Sodium (Na)	PPM	0.257	0.257
Selenium (Se)	PPM	0.380	0.380
Lead (Pb)	PPM	0.446	0.446
Barium (Ba)	PPM	0.559	0.559
Cesium (Cs)	PPM	1.893	1.893
Magnesium (Mg)	PPM	2.153	2.153
Zinc (Zn)	PPM	4.460	4.460
Molybdenum (Mo)	PPM	5.327	5.327
Potassium (K)	PPM	5.846	5.846
Indium (In)	PPM	8.782	8.782
Assay (unspecified)	%	=>83.3%	83.68
Chloride content	%	=<0.1%	0.005
Appearance (Color)		White to off white	White to off white

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.

Form		Granulated powder	Granulated powder
Total Metal Impurities	%	0.005% max.	0.003
Sulfate content	%	=<0.01%	<0.01



Ronald Becht
Technical Support Manager

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

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