

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	62500449
Description	Lithium bromide hydrate, Puratronic®, 99.995% (metals basis)
CAS Number	85017-82-9
Quality Test/Release Date	30/Jul/2025
Suggested retest date	30/Jul/2030
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
Iron (Fe)	PPM	ND	ND
Rhenium (Re)	PPM	ND	ND
Aluminium (Al)	PPM	ND	ND
Cerium (Ce)	PPM	ND	ND
Germanium (Ge)	PPM	ND	ND
Thallium (Tl)	PPM	ND	ND
Cobalt (Co)	PPM	ND	ND
Chromium (Cr)	PPM	ND	ND
Scandium (Sc)	PPM	ND	ND
Boron (B)	PPM	ND	ND
Vanadium (V)	PPM	ND	ND
Ytterbium (Yb)	PPM	ND	ND
Neodymium (Nd)	PPM	ND	ND
Tungsten (W)	PPM	0.001	0.001
Beryllium (Be)	PPM	0.007	0.007
Silver (Ag)	PPM	0.009	0.009
Indium (In)	PPM	0.009	0.009
Bismuth (Bi)	PPM	0.011	0.011
Nickel (Ni)	PPM	0.011	0.011
Cadmium (Cd)	PPM	0.012	0.012
Barium (Ba)	PPM	0.038	0.038
Rubidium (Rb)	PPM	0.039	0.039
Selenium (Se)	PPM	0.082	0.082
Titanium (Ti)	PPM	0.084	0.084
Arsenic (As)	PPM	0.102	0.102
Calcium (Ca)	PPM	0.139	0.139
Strontium (Sr)	PPM	0.170	0.170
Lead (Pb)	PPM	0.299	0.299
Manganese (Mn)	PPM	0.485	0.485
Copper (Cu)	PPM	0.665	0.665
Potassium (K)	PPM	0.858	0.858

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.

Zinc (Zn)	PPM	1.095	1.095
Magnesium (Mg)	PPM	1.109	1.109
Sodium (Na)	PPM	17.429	17.429
Molybdenum (Mo)	PPM	3.442	3.442
Cesium (Cs)	PPM	7.887	7.887
Total Metal Impurities	%	0.005% max.	0.003



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.

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.