

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by INTERTEK SAI Global  
Certificate Number. QMS42099

Catalogue Number	P/5880
Lot Number	2563046
Description	Potassium Iodide AR For analysis
CAS Number	7681-11-0
Quality Test/Release Date	11/Dec/2025
Expiry Phrase	Use within 5 years opening
Country of Origin	Czechia
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
Assay	%	>= 99.5	99.52
Calcium (Ca)	ppm	<= 10	<5
Chemical form		Crystalline powder	Crystalline powder
Chloride & bromide	%	<= 0.01	<0.01
Copper (Cu)	ppm	<= 2	<0.5
Heavy metals	ppm	<= 10	<5
Iodate (IO <sub>3</sub> )	ppm	<= 2	<2
Iodine reducing substances	%	<= 0.001	<0.001
Iron (Fe)	ppm	<= 2	<1
Lead (Pb)	ppm	<= 2	<0.5
Loss on drying	%	<= 0.2	0.03
Magnesium (Mg)	ppm	<= 10	<2
Sodium (Na)	ppm	<= 500	<200
Total chloride (Cl)	%	<= 0.1	<0.1
Total nitrogen (N)	ppm	<= 10	None Detected
Total phosphorus (P)	ppm	<= 10	<2
Total silicon (Si)	ppm	<= 10	<5
Total sulfur (S)	ppm	<= 20	<10
Visual colour		White	White
Water insoluble matter (%)	%	<= 0.005	None Detected
Zinc (Zn)	ppm	<= 10	<1
pH (5% aq. solution)		>= 6 and <= 8	6.359



Ashok Ganatra  
Supervisor, QC

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 use or further manufacturing. 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.