Fisher Scientific UK Ltd.
Bishop Meadow Road
Loughborough,
LE11 5RG, United Kingdom

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	2170805
Description	Potassium Iodide AR For analysis
CAS Number	7681-11-0
Quality Test/Release Date	15/Feb/2021
Expiry Phrase	Use within 5 years opening
Country of Origin	Canada
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	100.37
Calcium (Ca)	ppm	<= 10	<1
Chemical form		Crystalline powder	Crystalline powder
Chloride & bromide	%	<= 0.01	<0.01
Copper (Cu)	ppm	<= 2	<0.5
Heavy metals	ppm	<= 10	<5
Iodate (IO3)	ppm	<= 2	<2
Iodine reducing substances	%	<= 0.001	<0.001
Iron (Fe)	ppm	<= 2	<0.5
Lead (Pb)	ppm	<= 2	<0.5
Loss on drying	%	<= 0.2	0.006
Magnesium (Mg)	ppm	<= 10	<0.5
Sodium (Na)	ppm	<= 500	<30
Total chloride (Cl)	%	<= 0.1	<0.1
Total nitrogen (N)	ppm	<= 10	2
Total phosphorus (P)	ppm	<= 10	<1
Total silicon (Si)	ppm	<= 10	<10
Total sulfur (S)	ppm	<= 20	<10
Visual colour		White	White
Water insoluble matter (%)	%	<= 0.005	<0.005
Zinc (Zn)	ppm	<= 10	<0.5
pH (5% aq. solution)		>= 6 and <= 8	7.15
Assay	%	>= 99.5	100.37
Calcium (Ca)	ppm	<= 10	<1
Chemical form		Crystalline powder	Crystalline powder
Chloride & bromide	%	<= 0.01	<0.01
Copper (Cu)	ppm	<= 2	<0.5
Heavy metals	ppm	<= 10	<5
Iodate (IO3)	ppm	<= 2	<2
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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.

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A. Ganatra

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.

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