



**SISCO
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LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product

**27874 - Potassium Iodide extrapure AR, 99.8% -
[7681-11-0]**

Batch No

6798280

Analysis Date

29-Aug-2019

Date of Manufacture

August 2019

Expiry Date/Re-Test Date

August 2024

Molecular Formula

KI

Molecular Weight

166.00

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay	min. 99.8%	99.9%
pH (5% aq. solution)	6.0 - 8.0	7.4
Loss on drying	max. 0.5%	0.1%
Sulphate (SO ₄)	max. 0.001%	Passes
Phosphate (PO ₄)	max. 0.001%	Passes
Iron (Fe)	max. 0.0002%	Passes
Heavy Metals (Pb)	max. 0.0002%	Passes
Chloride and Bromide (as Cl)	max. 0.01%	Passes
Iodate (IO ₃)	max. 0.0002%	Passes
Iodine reducing substances (I)	max. 0.001%	Passes
Sodium (Na)	max. 0.05%	Passes

FRM/82/11/4/27874 Rev No. 1 Date 01/11/2015

Prepared by Sagar

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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