

Specifications

Product	:	Potassium iodide
CAS No.	:	7681-11-0
Molecular formula	:	KI
Molecular weight	:	166.00
Product Code	:	MC0050

TESTS	SPECIFICATIONS
Description	Colourless crystals or a white powder.
Assay	NLT 99.8%
Appearance of solution	A 10% Solution in water is clear and colorless.
Alkalinity	Not more than 0.5ml of 0.01M HCl is required to change the color of the solution
Arsenic	NMT 0.00001%
Heavy metals	NMT 5 ppm
Iron	NMT 3 ppm
Barium	Absent
Cyanide	No blue color Is produced
Iodate	No blue color Is produced within 2 minutes.
Sulphates	NMT 0.0025%
Thiosulphate	Absent
Loss on drying	NMT 0.20%
pH of 5% solution	6.0-9.2
insoluble matter	NMT 0.003%
Chloride and bromide	NMT 0.01%
Iodate	NMT 0.0002%
Phosphate	NMT 0.001%
Calcium	NMT 0.001%
Magnesium	NMT 0.001%
Sodium	NMT 0.005%
Nitrate	Absent
Nitrite	Absent
Ammonia	Absent
Free acid	NMT 0.0065%
Free alkali	NMT 0.1ml 1N HCl

Indenta Chemicals (India) Pvt. Ltd.

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Unit 1: Plot No. 1405, GIDC Sarigam, Dist. Valsad, Gujarat – 396155

Unit 2: Building No. 73, Gala No. 7, Indian Corporation Compound, Village Gundavli, Mankoli Naka, Bhiwandi, Thane - 421302



Nitrogen compounds	NMT 0.001%
Iodine reducing substances (I)	NMT 0.001%

(NMT= Not more than, NLT=Not less than)

INFORMATION	PREPARED BY	APPROVED BY
Name	Mr. Suchit Mukherjee	Mr. Thomas Varghese
Designation	Q.C Executive	Director Technical
Date	Jan 2019	-
Revision	0	-
Review Date	-	-
Signature		

Disclaimer: The products sold hereunder and any other products sold by Indenta Chemicals (India) Pvt. Ltd. have been subjected to limited testing and it does not release the user from the responsibility of undertaking their own test.

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