

SPECIFICATION : POTASSIUM IODIDE AR

Issue date	23/04/2018	Review date	22/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	KI
2	Product code	P067
3	Molecular weight	166
4	CAS No	7681-11-0
5	Risk Statement No	--
6	Safety Statement No	24/25
7	UN No.	--

KI

PACKING DETAILS

	Product code	Pack size
1	P06710	500 g
2	P06712	2.5 Kg

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

LIMITS

1	Description	Colourless crystals or white crystalline powder.
2	Clarity	10% Solution in water is clear and colourless
3	Assay	Not less than 99.8%
4	pH (5% aqueous solution)	Between 6.0 and 9.0
5	Water insoluble matter	Not more than 0.003%
6	Chloride (Cl)	Not more than 0.01%
7	Bromide (Br)	Not more than 0.01%
8	Iodate	Not more than 0.0002%
9	Nitrogen compounds (N)	Not more than 0.001%
10	Phosphate (PO ₄)	Not more than 0.001%
11	Sulphate (SO ₄)	Not more than 0.002%
12	Arsenic (As)	Not more than 0.00001%
13	Barium (Ba)	Not more than 0.001%
14	Calcium (Ca)	Not more than 0.0005%
15	Heavy metals (as Pb)	Not more than 0.0005%
16	Iron (Fe)	Not more than 0.0003%
17	Magnesium (Mg)	0.0005%
18	Sodium (Na)	0.035%
19	Iodine reducing substances	0.001%
20	Loss on drying at 105°C	0.2%

Department: Quality Control

Document No: LCPL/QSD/QAD/11

SOP No.: DB/SOP/QC/11-P067

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SAFETY SYMBOLS



Corrosive



Harmful/Irritant