

CERTIFICATE OF ANALYSIS


PRODUCT NAME : POTASSIUM IODIDE AR

CAS No	: 7681-11-0	Product code	: 25000
Mol. Formula	: KI	Batch No.	: MCAR-00756
Mol. WT	: 166.00	Mfd.	: Oct. 2024
Date of analysis	: 24/10/24	Exp.	: Sept. 2029

S.R	Test	Specification	Observation
1	Description	White crystalline powder	White crystalline powder
2	Assay (after drying)	99.8% w/w min	99.85% w/w
3	Insoluble matter	0.003% max	0.002%
4	Loss on drying at 120°C	0.2% max	0.06%
5	Acidity (HI)	0.0065% max	<0.0065%
6	Alkalinity (KOH)	0.006% max	<0.006%
7	Chloride and bromide (Cl)	0.01% max	<0.01%
8	Iodate (IO₃)	0.0002% max	<0.0002%
9	Nitrogen compounds (N)	0.001% max	<0.001%
10	Phosphate (PO₄)	0.001% max	<0.001%
11	Sulphate (SO₄)	0.0025% max	<0.0025%
12	Barium (Ba)	0.001% max	<0.001%
13	Iron (Fe)	0.0002% max	<0.0002%
14	Lead (Pb)	0.0002% max	<0.0002%
15	Sodium (Na)	0.05% max	<0.05%
16	Iodine reducing substances (I)	0.001% max	<0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Deepa)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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