

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM IODATE AR**

**CAS No : 7758-05-6**  
**Mol. Formula : KIO<sub>3</sub>**  
**Mol. WT : 214.00**  
**Date of analysis : 27/12/24**

**Product code : 24980**  
**Batch No : MCAR-01014**  
**Mfd. : Dec. 2024**  
**Exp. : Nov. 2029**

S.R	Test	Specification	Observation
1	<b>Description</b>	White crystalline powder.	White crystalline powder.
2	<b>Assay (after drying, iodometric)</b>	99.9% min	99.97%
3	<b>pH (5% aq.solution)</b>	5.0 – 8.0	5.98
4	<b>Water insoluble matter</b>	0.003% max	0.002%
5	<b>Chloride, Chlorate, Bromide, Bromate as (Cl)</b>	0.02% max	<0.02%
6	<b>Copper (Cu)</b>	0.001% max	<0.001%
7	<b>Iodide (I)</b>	0.001% max	<0.001 %
8	<b>Sulphate (SO<sub>4</sub>)</b>	0.01% max	<0.01%
9	<b>Nitrogen compounds (N)</b>	0.002% max	<0.002%
10	<b>Lead (Pb)</b>	0.001% max	<0.001%
11	<b>Iron (Fe)</b>	0.001% max	<0.001%
12	<b>Sodium (Na)</b>	0.01% max	<0.01%
13	<b>Loss on drying (130°C)</b>	0.05% max	0.011%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Shrutii)**

**[QC Incharge]**



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

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**Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.**