



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM IODATE AR**

CAS No : 7758- 05- 6                      Product code : 24980  
Mol. Formula : KIO<sub>3</sub>                      Batch No : MCRT-20497-02  
Mol. WT : 214.00                      Mfd. : Aug. 2022  
Date of analysis : 09/08/22                      Exp. : July 2027

S. R	Test	Specification	Observation
1	Description	White crystalline powder.	White crystalline powder.
2	Assay (after drying, iodometric)	99.9% min	99.94%
3	pH (5% aq.solution)	5.0 – 8.0	5.23
4	Water insoluble matter	0.003% max	0.002%
5	Chloride, Chlorate, Bromide, Bromate as (Cl)	0.02% max	<0.02%
6	Copper (Cu)	0.001% max	<0.001%
7	Iodide (I)	0.001% max	<0.001 %
8	Sulphate (SO <sub>4</sub> )	0.01% max	<0.01%
9	Nitrogen compounds (N)	0.002% max	<0.002%
10	Lead (Pb)	0.001% max	<0.001%
11	Iron (Fe)	0.001% max	<0.001%
12	Sodium (Na)	0.01% max	<0.01%
13	Loss on drying (130°C)	0.05% max	0.03%

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Priti)**

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

**Note:** Computer generated image requires no sign.

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