

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM BROMIDE AR**

**CAS No : 7758-02-3**  
**Mol. Formula : KBr**  
**Mol. WT : 119.01**  
**Date of Analysis : 06/05/25**

**Product code : 24800**  
**Batch No : MCAR-01555**  
**Mfd. : May 2025**  
**Exp. : April 2030**

S.R	Test	Specification	Observation
1	<b>Description</b>	White crystals or crystalline powder.	White crystalline Powder.
2	<b>Assay (argentometric, on dried basis)</b>	99.5% min	99.72%
3	<b>pH (5% aq. solution)</b>	5.0 - 8.0	6.79
4	<b>Water insoluble matter</b>	0.003%max	0.001%
5	<b>Bromate (BrO<sub>3</sub>)</b>	0.0004% max	<0.0004%
6	<b>Chloride (Cl)</b>	0.3% max	<0.3%
7	<b>Iodide (I)</b>	0.05% max	<0.05%
8	<b>Sulphate (SO<sub>4</sub>)</b>	0.005% max	<0.005%
9	<b>Nitrogen compound (N)</b>	0.001% max	<0.001%
10	<b>Lead (Pb)</b>	0.0002% max	<0.0002%
11	<b>Copper (Cu)</b>	0.0002% max	<0.0002%
12	<b>Calcium (Ca)</b>	0.001% max	<0.001%
13	<b>Iron (Fe)</b>	0.0002% max	<0.0002%
14	<b>Magnesium (Mg)</b>	0.001% max	<0.001%
15	<b>Sodium (Na)</b>	0.05% max	<0.05%
16	<b>Loss on drying (130°C)</b>	0.5% max	0.21%

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

**[Tested By]**



**CHEMIST  
(Shruti)**



**[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.**