

CERTIFICATE OF ANALYSIS

PRODUCT NAME : POTASSIUM BROMIDE AR

CAS No : 7758- 02- 3
Mol. Formula : KBr
Mol. WT : 119.01
Date of Analysis : 28/09/22

Product code : 24800
Batch No : MCRT-26632
Mfd. : Sept. 2022
Exp. : Aug 2027

S.R	Test	Specification	Observation
1	Description	White crystals or crystalline powder.	White crystalline Powder.
2	Assay (argentometric, on dried basis)	99.5% min	99.76%
3	pH (5% aq. solution)	5.0-8.0	5.4
4	Water insoluble matter	0.003% max	0.001%
5	Bromate (BrO₃)	0.0004% max	<0.0004%
6	Chloride (Cl)	0.3% max	<0.3%
7	Iodide (I)	0.05% max	<0.05%
8	Sulphate (SO₄)	0.005% max	<0.005%
9	Nitrogen compound (N)	0.001% max	<0.001%
10	Lead (Pb)	0.0002% max	<0.0002%
11	Copper (Cu)	0.0002% max	<0.0002%
12	Calcium (Ca)	0.001% max	<0.001%
13	Iron (Fe)	0.0002% max	<0.0002%
14	Magnesium (Mg)	0.001% max	<0.001%
15	Sodium (Na)	0.05% max	<0.05%
16	Loss on drying (130°C)	0.5% max	0.21%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Asmita)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.