



## CERTIFICATE OF ANALYSIS

Product Name : POTASSIUM BROMIDE 99.5% AR/ACS  
Lot No. : B382712203 Analyzed On : 02-Mar-2022  
Mol. Formula : KBr Mol. Weight : 119.01  
Code No. : 05334 CAS No. : 7758-02-3  
Mfg. Date : Mar-2022 Exp. Date : Feb-2027  
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (argentometric)	Min 99.5%	99.53%
3	Insoluble matter	Max 0.005%	<0.005%
4	pH (5% solution in water)	5.0 - 8.8	6.57
5	Bromate (BrO <sub>3</sub> )	Max 0.001%	<0.001%
6	Iodate (IO <sub>3</sub> )	Max 0.001%	<0.001%
7	Chloride (Cl)	Max 0.1%	0.076%
8	Iodide (I)	Max 0.001%	<0.001%
9	Sulphate (SO <sub>4</sub> )	Max 0.005%	0.0044%
10	Total nitrogen (N)	Max 0.001%	<0.001%
11	Heavy metals (by ICP-OES)	Max 0.0005%	Nil
12	Barium (Ba)	Max 0.002%	Nil
13	Calcium (Ca)	Max 0.002%	0.00023%
14	Iron (Fe)	Max 0.0005%	0.000013%
15	Magnesium (Mg)	Max 0.001%	0.000051%
16	Sodium (Na)	Max 0.02%	0.020%
17	Loss on drying (at 105°C)	Max 0.5%	0.23%

**CONCLUSION** -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**

Varsha  
Chemist

Shashikant Gaikwad  
QC Manager

**LOBA CHEMIE PVT. LTD.**

Works : Plot No. D-22, MIDC, Tarapur Industrial Area, Tarapur, Boisar, Taluka- Palghar, Dist. Palghar, Pin-401506

Tel: 91.02525-663630/39/34

Regd Office : 107 Wode House Road, Jehanghir Villa, Colaba, Mumbai-400005

Tel: 91.22.6663 6663, Fax: 91.22.22151099

info@lobachemie.com | www.lobachemie.com

