

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : BROMINE AR**

**CAS No : 7726-95-6**  
**Mol. Formula : Br<sub>2</sub>**  
**Mol. WT : 159.82**  
**Date of analysis : 11/10/23**

**Product code : 22370**  
**Batch No. : MCR-29478**  
**Mfd. : Oct. 2023**  
**Exp. : Sept. 2028**

S.R	Test	Specification	Observation
1	<b>Description</b>	Dark reddish-brown, volatile liquid, suffocating odour.	Dark reddish-brown liquid.
2	<b>Assay (Br)</b>	99.5% min	99.92%
3	<b>Chloride (Cl)</b>	0.025% max	<0.025%
4	<b>Residue after Evaporation</b>	0.005% max	0.001%
5	<b>Heavy metals (as Pb)</b>	0.0001% max	<0.0001%
6	<b>Iodine (I)</b>	0.0001% max	<0.0001%
7	<b>Sulphate(SO<sub>4</sub>)</b>	0.005% max	<0.005%
8	<b>Arsenic(As)</b>	0.0001% max	<0.0001%
9	<b>Copper(Cu)</b>	0.0001% max	<0.0001%
10	<b>Organic impurities</b>	Passes Test	Passes Test

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Jyoti)**

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

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

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