

CERTIFICATE OF ANALYSIS

PRODUCT NAME : BROMINE AR

CAS No : 7726-95-6
Mol. Formula : Br₂
Mol. WT : 159.82
Date of analysis : 10/12/24

Product code : 22370
Batch No. : MCR-32608
Mfd. : Dec. 2024
Exp. : Nov. 2029

| S.R | Test | Specification | Observation |
|-----|----------------------------------|---|----------------------------|
| 1 | Description | Dark reddish-brown, volatile liquid, suffocating odour. | Dark reddish-brown liquid. |
| 2 | Assay (Br) | 99.5% min | 99.92% |
| 3 | Chloride (Cl) | 0.025% max | <0.025% |
| 4 | Residue after Evaporation | 0.005% max | 0.002% |
| 5 | Heavy metals (as Pb) | 0.0001% max | <0.0001% |
| 6 | Iodine (I) | 0.0001% max | <0.0001% |
| 7 | Sulphate(SO₄) | 0.005% max | <0.005% |
| 8 | Arsenic(As) | 0.0001% max | <0.0001% |
| 9 | Copper(Cu) | 0.0001% max | <0.0001% |
| 10 | Organic impurities | Passes Test | Passes Test |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Deepa)**

[QC Incharge]



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

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