

## Certificate of Analysis

**Product: Potassium Bromide**  
**Item Number: POBROA**  
**Grade: ACS**  
**Lot Number: 5000589/1.1**  
**Manufacture Date: 12/22/2023**  
**Expiration Date: 12/21/2026**  
**Country of Origin: India**

| Tested Property           | Specification      | Analysis           |
|---------------------------|--------------------|--------------------|
| Description               | Colorless crystals | Colorless crystals |
| Identification            | To pass test       | Pass               |
| Assay                     | Min 99.0%          | 99.38%             |
| pH of 5% solution at 25°C | 5.0 - 8.8          | 6.45               |
| Insoluble matter          | Max 0.005%         | 0.0025%            |
| Bromate                   | Max 0.001%         | <0.001%            |
| Iodate                    | Max 0.001%         | <0.001%            |
| Chloride                  | Max 0.2%           | <0.2%              |
| Sulfate                   | max 0.005%         | <0.005%            |
| Barium                    | Max 0.002%         | <0.002%            |
| Heavy metals (ICP-OES)    | Max 5ppm           | <5 ppm             |
| Iron                      | Max 5 ppm          | <5 ppm             |
| Calcium                   | Max 0.002%         | 0.0009%            |
| Magnesium                 | Max 0.001%         | 0.0004%            |
| Sodium                    | Max 0.02%          | 0.0164%            |
| Iodide                    | Max 0.001%         | <0.001%            |

### Potassium Bromide

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley

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