

## Certificate of Analysis

Date of Testing: 2025-01-20 16:18:02

Date of Next Testing: 2027-01-10 16:18:02

Product Name: **Phosphorus tribromide**

CAS Number: 7789-60-8

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: D2326947

SKU #: **P108401**

Version: **0**

Analysis #: **461813**

Storage Temperature: Argon charged

| Parameter                                       | Limit Values                                                         | Result                                                               |
|-------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|
| Refractive index n <sub>20</sub> /D             | 1.695-1.699                                                          | 1.70                                                                 |
| Br(Titration by AgNO <sub>3</sub> )             | 86.8-90.3 (%)                                                        | 90.11 %                                                              |
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%)                                                        | 99.99 %                                                              |
| Total Metallic Impuritie                        | 0-100 (ppm)                                                          | 100.00 ppm                                                           |
| Appearance (P108401)                            | Colorless to Light Orange to Yellow Clear<br>Liquid to Cloudy Liquid | Colorless to Light Orange to Yellow Clear<br>Liquid to Cloudy Liquid |



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