

## Certificate of Analysis

Date of Testing: 2025-04-07 17:20:45

Date of Next Testing: 2029-04-06 17:20:45

Product Name: **Boron oxide**

CAS Number: 1303-86-2

Specifications & Purity:  $\geq 99.9\%$  metals basis

Lot #: D2502165

SKU #: **B118450**

Version: **0**

Analysis #: **485141**

Storage Temperature: Argon charged, Desiccated

| Parameter                                       | Limit Values             | Result                   |
|-------------------------------------------------|--------------------------|--------------------------|
| Purity(Based on Trace Metals Impurities of ICP) | 99.9-100 (%)             | 99.98 %                  |
| Insoluble matter in H <sub>2</sub> O            | 0-0.005 (%)              | 0.00 %                   |
| Total Metallic Impuritie                        | 0-2000 (ppm)             | 181.00 ppm               |
| Purity (% B)                                    | 30.5-31.5 (%)            | 30.99 %                  |
| Appearance (B118450)                            | White Powder or Crystals | White Powder or Crystals |
| ICP:Confirms Boron Components                   | Confirmed                | Confirmed                |
| X-Ray Diffraction                               | Conforms to Structure    | Conforms to Structure    |



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