

## Certificate of Analysis

Date of Testing: 2022-09-21 11:50:58  
Date of Next Testing: 2026-09-20 11:50:58  
Product Name: **Boron oxide**  
CAS Number: 1303-86-2  
Specifications & Purity: 99.999% metals basis  
Lot #: I2215026  
SKU #: **B108405**  
**Analysis:** **137895**  
Storage Temperature: Desiccated

| Parameter                              | Limit Values             | Result                   |
|--|--------------------------|--------------------------|
| Purity (% B)                           | 30.5-31.5 (%)            | 31.05 %                  |
| Insoluble matter in H2O                | 0-0.005 (%)              | 0.00 %                   |
| Total Metallic Impuritie               | 0-20 (ppm)               | 9.00 ppm                 |
| Purity(Based On Trace Metals Analysis) | 99.999-100 (%)           | 100.00 %                 |
| Appearance (B108405)                   | 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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