

## Certificate of Analysis

Date of Testing: 2022-02-13 14:07:22  
Date of Next Testing: 2025-02-12 14:07:22  
Product Name: **Sodium tetraborate pentahydrate**  
CAS Number: 12179-04-3  
Specifications & Purity: 99.5%  
Lot #: B2210076  
SKU #: **S302643**  
**Analysis:** **066916**  
Storage Temperature: Room temperature

| Parameter   | Limit Values          | Result                |
|---|-----------------------|-----------------------|
| Assay(Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> •5H <sub>2</sub> O) | 99.5-100%             | 99.86 %               |
| B <sub>2</sub> O <sub>3</sub> basis                                     | 48-50%                | 49.99 %               |
| Na <sub>2</sub> O   | 22-24%                | 23.99 %               |
| Appearance(S302643)   | White Solid           | White Solid           |
| X-Ray Diffraction   | Conforms to Structure | Conforms to Structure |



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