

## Certificate of Analysis

Date of Testing: 2023-02-10 15:54:51  
Date of Next Testing: 2023-08-09 15:54:51  
Product Name: **Tetrabutylammonium hydrogen sulfate**  
CAS Number: 32503-27-8  
Specifications & Purity: 98%  
Lot #: G2220580  
SKU #: **T105645**  
**Analysis:** **185976**  
Storage Temperature: Argon charged

| Parameter                        | Limit Values             | Result                   |
|----------------------------------|--------------------------|--------------------------|
| Purity(Neutralization titration) | 98-100 (%)               | 98.14 %                  |
| Melting point                    | 170-175 (°C)             | 172.50000 °C             |
| Appearance (T105645)             | White Powder or Crystals | White Powder or Crystals |
| Infrared spectrum                | Conforms to Structure    | Conforms to Structure    |
| Solubility in H2O                | Almost transparency      | almost transparency      |



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