

## Certificate of Analysis

Date of Testing: 2025-02-27 16:52:49

Date of Next Testing: 2027-02-17 16:52:49

Product Name: **N-Bromosuccinimide (NBS)**

CAS Number: 128-08-5

Specifications & Purity: AR, ≥99%

Lot #: B2520239

SKU #: **B105057**

Version: **2**

Analysis #: **471431**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                                                           | Limit Values                                       | Result                                             |
|---------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ) | 98.5-101.5 (%)                                     | 99.01 %                                            |
| Melting point                                                       | 175-180 (°C)                                       | 177.30000 °C                                       |
| Appearance (B105057)                                                | White to yellow<br>crystals,granules,powder,chunks | White to yellow<br>crystals,granules,powder,chunks |
| Solubility in H <sub>2</sub> O                                      | Almost transparency                                | almost transparency                                |
| Proton NMR spectrum                                                 | Conforms to Structure                              | Conforms to Structure                              |



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