

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-24 15:57:28  
Date of Next Testing: 2026-07-14 15:57:28  
Product Name: **N-Bromosuccinimide**  
CAS Number: 128-08-5  
Specifications & Purity: Analytical Reagent,99.00%  
Lot #: G2423400  
SKU #: **B105057**  
Version: **1**  
Analysis #: **381729**  
Storage Temperature: Store at 2-8°C,Protected from light,Argon charged

| Parameter   | Limit Values                                       | Result   |
|---|--|--|
| Ignition Residue (as sulfate)                                       | 0-0.1 (%)  | 0.03 %   |
| Purity(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ) | 98.5-101.5 (%)                                     | 99.29 %  |
| Melting point   | 175-180 (°C)                                       | 179.86000 °C                                       |
| Appearance (B105057)  | White to yellow<br>crystals,granules,powder,chunks | White to yellow<br>crystals,granules,powder,chunks |
| Solubility in<br>EtOH , clear,50mg/ml                               | pass   | Pass   |
| Solubility in H <sub>2</sub> O                                      | Almost transparency                                | almost transparency                                |
| Proton NMR spectrum   | Conforms to Structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager