

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-14 16:45:24  
Date of Next Testing: 2025-09-03 16:45:24  
Product Name: **N-Bromosuccinimide**  
CAS Number: 128-08-5  
Specifications & Purity: Analytical Reagent,99.00%  
Lot #: I2312099  
SKU #: **B105057**  
**Analysis:** **264457**  
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 (%)	99.73 %
Melting point	175-180 (°C)	177.16000 °C
Appearance (B105057)	White to yellow crystals,granules,powder,chunks	White to yellow crystals,granules,powder,chunks
Solubility in 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