

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-11 17:33:55  
 Date of Next Testing: 2025-03-10 17:33:55  
 Product Name: **S-(4-Nitrobenzyl)-6-thioinosine**  
 CAS Number: 38048-32-7  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: C23021242  
 SKU #: **S133827**  
**Analysis:** **176948**  
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	47.4-49.9 (%)	48.27%
Nitrogen by Elemental Analysis	16.3-17.1 (%)	16.53%
Purity(HPLC)	98-100 (%)	98.70700%
Appearance (S133827)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMF , Colorless to Faint Yellow,Clear,40 mg/ml	pass	Pass



John Su  
QA & QC Manager