

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-12 19:36:18  
Date of Next Testing: 2027-08-11 19:36:18  
Product Name: **N-Succinimidyl 6-Biotinamidohexanoate**  
CAS Number: 72040-63-2  
Specifications & Purity:  $\geq 98\%$   
Lot #: H2310045  
SKU #: **S122223**  
Version: **0**  
Analysis #: **093461**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.07000 %
Melting point	168-172 ( $^{\circ}\text{C}$ )	169.52000 $^{\circ}\text{C}$
Nitrogen by Elemental Analysis	12-12.6 (%)	12.19000 %
Carbon by Elemental Analysis	51.8-53.9 (%)	51.98000 %
NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMF , Colorless to Yellow Clear to Slightly Hazy, 50mg/ml pass		Pass
Appearance (S122223)	White to Off-White Solid	White to off-white solid



John Su  
QA & QC Manager