

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-23 10:04:34

Date of Next Testing: 2026-07-22 10:04:34

Product Name: **N-Succinimidyl 6-Biotinamidohexanoate**

CAS Number: 72040-63-2

Specifications & Purity: $\geq 98\%$

Lot #: G2220060

SKU #: **S122223**

Version: **0**

Analysis #: **093461**

Storage Temperature: Protected from light, Store at -20°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