

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-22 11:53:07
Date of Next Testing: 2026-07-21 11:53:07
Product Name: **N-Succinimidyl 6-Biotinamidohexanoate**
CAS Number: 72040-63-2
Specifications & Purity: $\geq 98\%$
Lot #: G2219978
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