

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-17 15:20:48

Date of Next Testing: 2024-09-16 15:20:48

Product Name: **Sulfo-NHS-Biotin**

CAS Number: 119616-38-5

Specifications & Purity: $\geq 85\%$

Lot #: I2212338

SKU # **S133214**

Version **0**

Analysis #: **102433**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	85-100 (%)	94.43900 %
Acetone	0-4 (%)	2.30000 %
total other solvents Content	0-0.5 (%)	0.30000 %
Sodium(Na)	3.9-4.9 (%)	4.08000 %
Water by Karl Fischer	≤ 10 (%)	6.74440 %
Appearance (S133214)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to yellow, Clear to Slightly Hazy, 10mg/ml	pass	Pass



John Su
QA & QC Manager