

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-14 14:37:43
 Date of Next Testing: 2026-05-14 14:37:43
 Product Name: **Sulfo-NHS-Biotin**
 CAS Number: 119616-38-5
 Specifications & Purity: $\geq 85\%$
 Lot #: E2409029
 SKU #: **S133214**
Analysis: 102433
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	85-100 (%)	94.43900 %
Acetone	0-4 (%)	2.30 %
total other solvents Content	0-0.5 (%)	0.30 %
Sodium(Na)	3.9-4.9 (%)	4.08 %
Water by Karl Fischer	≤ 10 (%)	6.74 %
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