

Certificate of Analysis

Date of Testing: 2025-08-06 18:57:52

Date of Next Testing: 2028-08-05 18:57:52

Product Name: **Hemicholinium-3**

CAS Number: 312-45-8

Specifications & Purity: Moligand™, ≥95%

Lot #: H2501048

SKU #: **H346775**

Version: **1**

Analysis #: **193722**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.00 %
Water by Karl Fischer	0-10 (%)	6.90 %
Carbon by Elemental Analysis(anhydrous)	47.4-53.0 (%)	50.60 %
Nitrogen by Elemental Analysis (anhydrous)	4.4-5.3 (%)	4.70 %
Appearance(H346775)	White to Off-White	White to off-white
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Carbon NMR Spectrum	conforms to structure	Conforms to Structure
solubility(Colorless to Faint Yellow Clear to Slightly Hazy(50 mg/ml Water))	Pass	Pass



John Su
QA & QC Manager