

Certificate of Analysis

Date of Testing: 2023-03-21 06:30:47

Date of Next Testing: 2027-03-20 06:30:47

Product Name: **N-Acetyl-L-serine**

CAS Number: 16354-58-8

Specifications & Purity: $\geq 97\%$

Lot #: C2316993

SKU #: **N181909**

Version: **2**

Analysis #: **201704**

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

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.43900 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	5.7-7.3 (°)	6.94°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(N181909)	Off-White to Beige Low Melting Solid	Off-White to Beige Low Melting Solid

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager