

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-02 10:14:39

Date of Next Testing: 2024-06-01 10:14:39

Product Name: **Citicoline sodium salt hydrate**

CAS Number: 33818-15-4

Specifications & Purity: $\geq 98\%$

Lot #: E2230219

SKU #: **C133382**

Version: **0**

Analysis #: **081161**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Loss on drying	0-6 (%)	0.00000 %
Purity (dry basis)	98-100 (%)	98.07300 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager