

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-24 16:34:46

Date of Next Testing: 2024-10-23 16:34:46

Product Name: **Citicoline sodium salt hydrate**

CAS Number: 33818-15-4

Specifications & Purity: $\geq 98\%$

Lot #: A2113273

SKU #: **C133382**

Version: **0**

Analysis #: **147919**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity (dry basis)	98-100 (%)	98.86000 %
Loss on drying	0-6 (%)	1.92600 %
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager