

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-20 11:30:37
 Date of Next Testing: 2026-03-20 11:30:37
 Product Name: **Citicoline sodium salt hydrate**
 CAS Number: 33818-15-4
 Specifications & Purity: $\geq 98\%$
 Lot #: E2230217
 SKU #: **C133382**
 Version: **0**
 Analysis #: **333391**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity (dry basis)	98-100 (%)	98.07100 %
Loss on drying	0-6 (%)	0.00000 %
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager