

Certificate of Analysis

Date of Testing: 2025-01-16 14:12:43

Date of Next Testing: 2028-01-16 14:12:43

Product Name: **Choline p-toluenesulfonate salt**

CAS Number: 55357-38-5

Specifications & Purity: $\geq 98\%$

Lot #: A2513092

SKU #: **C331896**

Version: **1**

Analysis #: **338615**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.15700 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure

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

John Su
QA & QC Manager