

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-30 11:46:54

Date of Next Testing: 2025-07-29 11:46:54

Product Name: **Estrone 3-sulfate sodium salt**

CAS Number: 438-67-5

Specifications & Purity: 98%

Lot #: G2226571

SKU #: **E342933**

Analysis: **108503**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.59700 %
Appearance(E342933)	White to Faint Yellow powder or chunks	White to Faint Yellow powder or chunks
Proton NMR spectrum	Conforms to structure	Conforms to Structure
ICP:Confirms Na component	Confirmed	Confirmed

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

John Su
QA & QC Manager