

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-23 13:29:08

Date of Next Testing: 2027-02-22 13:29:08

Product Name: **3-(Trimethylsilyl)-1-propane sulfonic acid sodium salt (DSS)**

CAS Number: 2039-96-5

Specifications & Purity: $\geq 97\%$

Lot #: B2317531

SKU #: **T121789**

Version: **0**

Analysis #: **085418**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	3.40000 %
Purity(Ion exchange titration)	96.5-103.5 (%)	99.40000 %
Appearance (T121789)	white powder or solid	white powder or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless, clear to lightly hazy (50 mg/ml of H ₂ O)	pass	Pass
Suitability for NMR-analysis	to pass test	to pass test



John Su
QA & QC Manager