

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-08 16:32:58
 Date of Next Testing: 2028-07-07 16:32:58
 Product Name: **3-(Trimethylsilyl)-1-propane sulfonic acid sodium salt (DSS)**
 CAS Number: 2039-96-5
 Specifications & Purity: $\geq 97\%$
 Lot #: F2428454
 SKU #: **T121789**
 Version: **0**
 Analysis #: **352444**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	0.30000 %
Purity(Ion exchange titration)	96.5-103.5 (%)	100.50000 %
Appearance (T121789)	white powder or solid	white powder or solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Suitability for NMR-analysis	to pass test	to pass test
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless, clear to lightly hazy (50 mg/ml of H ₂ O)	pass	Pass



John Su
QA & QC Manager