

## Certificate of Analysis

Date of Testing: 2023-11-17 14:47:11  
 Date of Next Testing: 2027-11-16 14:47:11  
 Product Name: **(3-Aminopropyl)trimethoxysilane**  
 CAS Number: 13822-56-5  
 Specifications & Purity: chloride ion  $\leq$  13ppm  
 Lot #: K2316039  
 SKU #: **A598535**  
**Analysis:** **295223**  
 Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.422-1.425	1.42
Density (20°C)	1.014-1.019	1.01
Magnesium(Mg)	0-1 (ppm)	0.00 ppm
Aluminum(Al)	0-1 (ppm)	0.00 ppm
Potassium(K)	0-1 (ppm)	0.00 ppm
Calcium(Ca)	0-1 (ppm)	0.00 ppm
Chromium(Cr)	0-1 (ppm)	0.00 ppm
Manganese(Mn)	0-1 (ppm)	0.00 ppm
Iron(Fe)	0-1 (ppm)	0.00 ppm
Cobalt(Co)	0-1 (ppm)	0.00 ppm
Nickel(Ni)	0-1 (ppm)	0.00 ppm
Copper(Cu)	0-1 (ppm)	0.00 ppm
Titanium(Ti)	0-1 (ppm)	0.00 ppm
Zinc(Zn)	0-1 (ppm)	0.00 ppm
Chloride (Cl <sup>-</sup> )	0-13 (ppm)	1.30 ppm
Purity(GC)	97-100 (%)	97.23%
Sodium(Na)	0-1 (ppm)	1.00 ppm
Appearance(A598535)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



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ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager