

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-29 11:59:22
 Date of Next Testing: 2030-04-28 11:59:22
 Product Name: **1-Thioglycerol**
 CAS Number: 96-27-5
 Specifications & Purity: $\geq 98.5\%$ (GC), Matrix for FAB-MS and liquid SIMS
 Lot #: D2628417
 SKU #: **T109441**
 Version: **0**
 Analysis #: **695357**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.246-1.251	1.24860
Refractive index n ₂₀ /D	1.525-1.53	1.52719
Potassium(K)	0-20 (ppm)	0.02350 ppm
Cadmium(Cd)	0-1 (ppm)	0.03630 ppm
Calcium(Ca)	0-10 (ppm)	0.01500 ppm
Manganese(Mn)	0-1 (ppm)	0.02140 ppm
Zinc(Zn)	0-1 (ppm)	0.00200 ppm
Nickel(Ni)	0-1 (ppm)	0.00630 ppm
Chromium(Cr)	0-1 (ppm)	0.00150 ppm
Cobalt(Co)	0-1 (ppm)	0.05325 ppm
(Pb)Lead	0-1 (ppm)	0.03700 ppm
Sodium(Na)	0-20 (ppm)	0.00320 ppm
Iron(Fe)	0-1 (ppm)	0.24100 ppm
Purity(GC)	98.5-100 (%)	99.98600 %
Appearance (T109441)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager