

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-12 11:28:19

Date of Next Testing: 2027-05-02 11:28:19

Product Name: **Propionic acid**

CAS Number: 79-09-4

Specifications & Purity: AR, ≥99.5%(GC)

Lot #: D2516422

SKU #: **P110444**

Version: **0**

Analysis #: **489577**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.1 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Refractive index n ₂₀ /D	1.385-1.388	1.38660
Iron(Fe)	0-0.0005 (%)	0.00000 %
Density (20°C)	0.994-0.998	0.99440
Water by Karl Fischer	0-0.25 (%)	0.03260 %
Purity(GC)	99.5-100 (%)	99.90900 %
Chloride (Cl-)	0-0.0005 (%)	0.00000 %
Appearance (P110444)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager