

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-01 11:46:10
Date of Next Testing: 2029-08-31 11:46:10
Product Name: **Propionic acid**
CAS Number: 79-09-4
Specifications & Purity: ACS, ≥99.5%
Lot #: H2526087
SKU #: **P110447**
Version: **0**
Analysis #: **566604**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Heavy metal (as Pb) | 0-0.001 (%) | 0.00000 % |
| Reducing Substances | 0-0.1 (%) | 0.00000 % |
| Purity (Titration by NaOH) | 99.5-100.5 (%) | 99.90900 % |
| Water by Karl Fischer | 0-0.15 (%) | 0.03260 % |
| Refractive index n ₂₀ /D | 1.385-1.388 | 1.38660 |
| Ignition Residue | 0-0.01 (%) | 0.00000 % |
| Carbonyl compounds | 0-0.002 (%) | 0.00000 % |
| Appearance (P110447) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager