

Certificate of Analysis

Date of Testing: 2022-10-18 15:08:15
Date of Next Testing: 2026-10-17 15:08:15
Product Name: **Propionic acid**
CAS Number: 79-09-4
Specifications & Purity: ACS reagent, ≥99.5%
Lot #: J2215157
SKU #: **P110447**
Analysis: **145460**

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Heavy metal (as Pb) | 0-0.001 (%) | 0.00 % |
| Reducing Substances | 0-0.1 (%) | 0.03 % |
| Purity (Titration by NaOH) | 99.5-100.5 (%) | 99.52 % |
| Water by Karl Fischer | 0-0.15 (%) | 0.00 % |
| Refractive index n ₂₀ /D | 1.385-1.388 | 1.39 |
| Ignition Residue | 0-0.01 (%) | 0.00 % |
| Carbonyl compounds | 0-0.002 (%) | 0.00 % |
| Appearance (P110447) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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