

Certificate of Analysis

Date of Testing: 2022-11-16 15:29:12
Date of Next Testing: 2026-11-15 15:29:12
Product Name: **Propionic acid**
CAS Number: 79-09-4
Specifications & Purity: ACS reagent, ≥99.5%
Lot #: K2209046
SKU #: **P110447**
Analysis: **156465**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Reducing Substances	0-0.1 (%)	0.02 %
Purity (Titration by NaOH)	99.5-100.5 (%)	99.82 %
Water by Karl Fischer	0-0.15 (%)	0.04 %
Refractive index n ₂₀ /D	1.385-1.388	1.39
Carbonyl compounds	0-0.002 (%)	0.00 %
Ignition Residue	0-0.01 (%)	0.00 %
Appearance (P110447)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager