

Certificate of Analysis

Date of Testing: 2024-09-06 17:49:06
Date of Next Testing: 2028-09-05 17:49:06
Product Name: **Propionic acid**
CAS Number: 79-09-4
Specifications & Purity: ACS reagent, ≥99.5%
Lot #: I2404419
SKU #: **P110447**
Version: **0**
Analysis #: **396788**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Reducing Substances	0-0.1 (%)	0.00 %
Purity (Titration by NaOH)	99.5-100.5 (%)	99.87 %
Refractive index n ₂₀ /D	1.385-1.388	1.39
Ignition Residue	0-0.01 (%)	0.00 %
Water by Karl Fischer	0-0.15 (%)	0.10 %
Carbonyl compounds	0-0.002 (%)	0.00 %
Appearance (P110447)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager