

## Certificate of Analysis

Date of Testing: 2024-11-13 13:15:37  
Date of Next Testing: 2026-11-03 13:15:37  
Product Name: **Propionic acid**  
CAS Number: 79-09-4  
Specifications & Purity: AR, ≥99.5%(GC)  
Lot #: K2407561  
SKU #: **P110444**  
Version: **0**  
Analysis #: **428227**

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.1 (%)	0.00 %
Chloride (Cl-)	0-0.0005 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Refractive index n <sub>20</sub> /D	1.385-1.388	1.39
Iron(Fe)	0-0.0005 (%)	0.00 %
Density (20°C)	0.994-0.998	0.99
Water by Karl Fischer	0-0.25 (%)	0.03 %
Purity(GC)	99.5-100 (%)	99.92 %
Appearance (P110444)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager