

Certificate of Analysis

Date of Testing: 2024-12-31 13:19:55

Date of Next Testing: 2028-12-30 13:19:55

Product Name: **DL-Lactic acid**

CAS Number: 50-21-5

Specifications & Purity: AR, 85-90%

Lot #: L2426436

SKU #: **L108839**

Version **0**

Analysis #: **455841**

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.423-1.427	1.42
Density (20°C)	1.209-1.214	1.21
Ignition Residue(Ash)	0-0.02 (%)	0.01 %
Assay(Titration by HCL)	85-90 (%)	89.97 %
Appearance (L108839)	colorless viscous liquid	colorless viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager