

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	39451
Lot Number	003285-20210514
Product	Methyl L-(-)-lactate L-(-)-Lactic acid methyl ester
CAS Number	27871-49-4
Molecular Formula	C ₄ H ₈ O ₃
Molecular Weight	104.11

Appearance	Colorless clear liquid
Color (APHA)	10
Specific Gravity	1.08 g/mL
Refractive Index	$n_{20D} = 1.415$
Heavy Metals	6 mg/Kg (as Pb)
Water Content (Karl Fisher)	770 ppm
Acid value	0.3 mgKOH/g
Residual Solvents	Methanol : 0.15%
Chiral HPLC	99.4% (ee)
D-Enantiomer	0.6%
Purity by HPLC	99.3%
Storage	Store at RT
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager