

Item Number	L1010
Item	Lactic Acid, Racemic, USP
CAS Number	50-21-5
Molecular Formula	C ₃ H ₆ O ₃
Molecular Weight	90.10
MDL Number	
Synonyms	2-Hydroxypropionic Acid

Test	Specification	
	Min	Max
APPEARANCE		
IDENTIFICATION	POSITIVE FOR LACTATE	
ASSAY (C ₃ H ₆ O ₃)	88.0	92.0%
SPECIFIC ROTATION	-0.05° to +0.05°	
RESIDUE ON IGNITION		0.05%
SUGARS	NO RED PRECIPITATE	
CHLORIDE	NO OPALESCENCE	
CITRIC, OXALIC, PHOSPHORIC AND TARTARIC ACID	NO TURBIDITY	
SULFATE	NO TURBIDITY	
READILY CARBONIZABLE SUBSTANCES	NO DARK COLOR AT INTERFACE	
ELEMENTAL IMPURITIES	AS REPORTED	
CERTIFIED KOSHER		
CERTIFIED HALAL		
RESIDUAL SOLVENTS:	AS REPORTED	
CLASS 2 (SOLVENT) / METHANOL	.	
MONOGRAPH EDITION		
EXPIRATION DATE		
DATE OF MANUFACTURE		

Spectrum Chemical Mfg Corp

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