

Lactic acid, Hi-AR™/ACS

GRM243

Product Identifier

CAS No.	:	50-21-5
EC No.	:	200-018-0
Molecular Formula	:	C ₃ H ₆ O ₃
Molecular Weight	:	90.08
HS Code	:	2918 11 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless to yellow viscous liquid
Solubility	:	1 mL miscible in 1 mL of water
Chloride (Cl)	:	<= 0.001%
Iron (Fe)	:	<= 0.0005%
Sulfate (SO ₄)	:	<= 0.002%
Heavy metals (as Pb)	:	<= 0.0005%
Residue after ignition	:	<= 0.02%
Substances darkened by H ₂ SO ₄	:	Passes test
Assay (NaOH back-Titration)	:	85.00 - 90.00%

Safety Information

Hazard Pictogram(s) :



Signal Word	:	Danger
Hazard Statement(s)	:	H315- H318
Precautionary Statement(s)	:	P280- P305+P351+P338
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	OD2800000
WGK	:	2