



Specification Sheet

LACTIC ACID 88% SOL

Material Name:	Lactic acid 88% Heat Stable, Food Grade
Synonyms:	Lactonic acid, E270, preservative, 2-hydroxypropanoic acid, milk acid
Description:	Colourless to yellowish, syrupy liquid, nearly odourless and an acid taste, consisting of a mixture of lactic acid and lactic acid lactate
CAS NO:	79-33-4 General 50-21-5
EINECS:	201-196-2 General 200-018-0
Formula:	C ₃ H ₆ O ₃

<u>Test</u>	<u>Specification</u>
Assay (%)	87.5 - 88.5
Stereochemical purity (L-isomer) (%)	Min. 95
Colour (fresh) (APHA)	Max 50
Sulphated ash, (%)	Max. 0.05
Chloride (mg/kg)	Max 10
Sulphate (mg/kg)	Max. 20
Iron (mg/kg)	Max 10
Heavy metals (as Pb) (mg/kg)	Max 10
Relative Density @20°C (g/ml)	1.19 - 1.21

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