



Product data

Rev.No.14203

Description

PURAC® 80

PURAC® is the natural L(+) lactic acid, which is produced by fermentation from carbohydrates. It can be used in many applications in the food, chemical, metal and detergents industry.

Specification

PURAC® 80

Product	L(+) lactic acid
Form	liquid
Grade	edible
Colour fresh	max. 100 apha
Odour	agreeable
Stereochemical purity L-isomer	min. 95%
Assay	79.5-80.5% w/w
Density at 20°C	1.18-1.20 g/ml
Sulphated ash	max. 0.1%
Heavy metals total	max. 10 ppm
Iron	max. 10 ppm
Arsenic	max. 1 ppm
Calcium	max. 20 ppm
Chloride	max. 10 ppm
Sulphate	max. 20 ppm
Reducing sugars	passes test FCC

Physical-chemical properties

Molecular formula	CH ₃ CHOHCOOH
Molecular weight	90
Chemical name	2-hydroxypropionic acid

Registration

CAS number	79-33-4 (general 50-21-5)
EEC Additive number	E 270
USA	GRAS
Complies with	FCC, EUSFA

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