



Product data

Rev.No.1/0306

Description

PURAC[®] FCC 88

PURAC FCC 88 is the natural L(+) lactic acid, which is produced by fermentation from sugar. It has a mild acid taste and is widely used as an acidulant in the food industry. PURAC's primary functions are to preserve and flavor.

Specification

PURAC FCC 88

Product	L(+)	lactic acid
Form	liquid	
Grade	edible special	
Color fresh	max. 50	apha
Color, 6 months, 25°C	max. 50	apha
Odor	agreeable	
Stereochemical purity (L-isomer)	min. 95%	
Assay	87.5-88.5%	w/w
Density at 20°C	1.20-1.22	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, JSFA and EUSFA

Packaging

PURAC FCC 88% are supplied in 255 kg (562 lbs.) polyethylene drums (55 gallon) in 1200 kg (2645 lbs.) semi bulk containers and in bulk containers.

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<http://www.purac.com/>

Page 1 of 1