

PURAC® 80

Description	PURAC is the natural L-Lactic acid, which is produced by fermentation from carbohydrates. It can be used in many applications in food and non food areas.	
Assay	Assay Stereochemical purity (Corbion method)	79.5-80.5 % (w/w) min. 95% (% (S)-enantiomer)
Visual sensory characteristics	Color fresh	max. 100 Apha
Identification	Solubility Positive for lactate Relative density 20 °C	miscible with water passes test 1.18-1.20 g/ml
Purity	Sulfated ash / residue on ignition Calcium Chlorides Sulfate Arsenic (as As) Heavy metals Iron Lead Mercury Cyanide Citric, oxalic, phosphoric, tartaric acid Reducing sugars Sugars	max. 0.1 % max. 20 ppm max. 10 ppm max. 20 ppm max. 1 ppm max. 10 ppm max. 10 ppm max. 0.5 ppm max. 1 ppm max. 5 mg/kg passes test passes test FCC passes test
Physical-chemical-properties	Molecular formula Molecular weight Chemical name	CH ₃ CHOHCOOH 90 2-hydroxypropionic acid
Regulatory / Registration	CAS number EEC Additive number GRAS status Complies with EC number	79-33-4 (general 50-21-5) E270 Lactic acid 21CFR184.1061 FCC, 231/2012/EC 201-196-2

COMPANY INFORMATION DISTRIBUTOR		
name	BRENNTAG N.V.	BRENNTAG Nederland B.V.
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e-mail	info@brenntag.be	info@brenntag.nl
activities	Distribution and export of chemicals and raw materials	
VAT number	BE0405317567	NL001375945B01
recall procedure available	Yes	
emergency number (24/365)	+32 (0)56 77 69 44	+31 (0)78 6544 944
QUALITY SYSTEMS		
ISO 9001	Yes	Yes
ISO 14001	Yes	Yes
ISO 22000	Yes	Yes
FSSC 22000	Yes	Yes
GMP+ -feed	Yes	Yes
OHSAS18001	-	Yes
ESAD	Yes	Yes
other	-	AEO