

Product data

Rev.No.5/5130

Description

PURAC[®] Powder 60

PURAC Powder is the powder form of natural L-lactic acid which is produced by fermentation from sugar. It consists of lactic acid and calcium lactate. Also the calcium lactate is produced of natural L-lactic acid. PURAC Powder is a white powder. It has a characteristic lactic acid flavour and a pure lactic acid taste. Almost all lactic acid is present in free, direct titratable form. PURAC Powder is available in various acid-ratios.

Specification

Product	L- lactic acid powder
Form	powder
Colour	white
Assay lactic acid (%)	58.0-62.0
Assay calcium lactate (%)	35.0-39.0
Assay silicon dioxide (%)	1.0-3.0
Water content (KF)	≤ 2.0
Heavy metals total (ppm)	≤ 10
Iron (ppm)	≤ 10
Arsenic (ppm)	≤ 1
Chloride (ppm)	≤ 10
Sulphate (ppm)	≤ 200
Reducing sugars	passes Fehling test
Mesophilic bacteria (counts/g)	≤ 1000
Moulds (counts/g)	≤ 100
Yeasts (counts/g)	≤ 100
Sieve analysis	min 98% ≤ 710 micron

Registration

CAS number	79-33-4 (general 50-21-5) (lactic acid) 28305-25-1 (general 814-80-2) (calcium lactate)
EEC Additive number	E270 (lactic acid) E327 (calcium lactate)
USA	GRAS, FCC ⁽¹⁾

⁽¹⁾ The individual ingredients comply with FCC

Packaging

PURAC Powder is packed in 20kg boxes.

Storage

Store in a dry, cool place. Keep box and inner bag closed.