

## PURAC® Powder 60

**Description** 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 flavor and apure lactic acid taste. Almost all lactic acid is present in free, direct titratable form. PURAC Powder is available in various acid-ratios.

<b>Specification</b>	Product Form	L-lactic acid powder powder
----------------------	--------------	-----------------------------

<b>Assay</b>	Lactic acid	58.0-62.0 %
	Calcium lactate	36.0-42.0 %
	Silicates	1.0-3.0 %

<b>Visual sensory characteristics</b>	Color	white
---------------------------------------	-------	-------

<b>Purity</b>	Water content (KF)	max. 2.0 %
	Heavy metals	max. 10 ppm
	Iron	max. 10 ppm
	Lead	max. 0.5 ppm
	Arsenic (as As)	max. 1 ppm
	Chlorides	max. 10 ppm
	Sulfates	max. 200 ppm
	Reducing substances	passes Fehling test
	Reducing sugars	passes Fehling test

<b>Microbiology</b>	Mesophilic bacteria	max. 1000 counts/g
	Molds	max. 100 counts/g
	Yeasts	max. 100 counts/g

<b>Physical-chemical-properties</b>	Sieve analysis max. 710 µm	min. 98 %
-------------------------------------	----------------------------	-----------

<b>Regulatory / Registration</b>	CAS number	79-33-4 (general 50-21-5) (lactic acid) 28305-25-1(general 814-80-2) (calcium lactate) 7631-86-9 (silicon dioxide)
	EEC Additive number	E270 Lactic acid E327 Calcium lactate
	GRAS status	21CFR184.1061/1207
	Complies with	231/2012/EC, FCC <sup>1)</sup>

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

<sup>1)</sup> Individual ingredients each comply with latest FCC and or 231/2012/EC