

GALACID POWDER 60

LASDL60 / *galactic ref.*

LACTIC ACID 60% POWDER / *product name*

DESCRIPTION

GALACID POWDER 60 is a natural L(+) lactic acid produced by fermentation. It is a white powder based on calcium lactate carrier.

PHYSICO-CHEMICAL PROPERTIES

Chemical name		2-Hydroxypropanoic acid (Lactic acid) Calcium 2-Hydroxypropanoate (Calcium lactate)
Molecular weight	<i>g/mol</i>	90 (Lactic acid) 218 (Calcium lactate)
Molecular formula		C ₃ H ₆ O ₃ (Lactic acid) (C ₃ H ₅ O ₃) ₂ Ca (Calcium lactate)
Form	-	Powder
Particle size	<i>µm</i>	Min. 98% < 710 µm

SENSORY CHARACTERISTICS

Colour	-	White
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PURITY

Positive test for lactate	-	Passes test
Lactic acid content	<i>% w/w</i>	58.0 - 62.0
Calcium lactate content	<i>% w/w</i>	36.0 - 42.0
Silicon dioxide content	<i>% w/w</i>	Max. 3.0
Water content	<i>% w/w</i>	Max. 2.0
Heavy metals (as Pb)	<i>ppm</i>	Max. 10
Arsenic	<i>ppm</i>	Max. 1
Mesophilic bacteria	<i>counts/g</i>	Max. 1000
Moulds	<i>counts/g</i>	Max. 100
Yeasts	<i>counts/g</i>	Max. 100

REGISTRATION

Labeling		E 270 (Lactic acid) E 327 (Calcium lactate)
CAS number		79-33-4 (Lactic acid) 28305-25-1 (Calcium lactate)
GRAS status		Yes for each element
Each ingredient complies with		Eur Reg 231/2012 - FCC ⁽¹⁾ Kosher - Halal

PACKAGING

See packaging list

STORAGE CONDITIONS

Dry, well ventilated room

SHELF-LIFE

24 months

LEGEND

⁽¹⁾ Latest edition