

GALAFLOW PL 60

PLFTL60 / *galactic ref.*

POTASSIUM LACTATE 60% / *product name*

DESCRIPTION

GALAFLOW PL 60 is the potassium salt of natural L(+) lactic acid made by fermentation from sugar. It has a mild taste, antimicrobial properties and is pH neutral.

GALAFLOW PL 60 is widely used in food applications as a natural preservative.

PHYSICO-CHEMICAL PROPERTIES

Chemical name		2-Hydroxypropanoic acid, monopotassium salt
Molecular weight	<i>g/mol</i>	128
Molecular formula		C ₃ H ₅ O ₃ K
Density (@20°C/68°F)	<i>g/mL</i>	1.32 - 1.35
pH (fresh solution)	-	6.5 - 8.5

SENSORY CHARACTERISTICS

Color (fresh solution)	<i>Hazen</i>	Max. 50
Odor	-	Almost odorless
Taste	-	Mild saline taste

PURITY

Positive test for lactate	-	Passes test
Positive test for potassium	-	Passes test
Potassium lactate content	% w/w	59 - 61
Potassium content	% w/w	18.0 - 18.6
Free lactic acid content	% w/w	Max. 0.18
Heavy metals (as Pb)	<i>ppm</i>	Max. 10
Iron	<i>ppm</i>	Max. 10
Calcium	<i>ppm</i>	Max. 10
Chloride	<i>ppm</i>	Max. 50
Sulphate	<i>ppm</i>	Max. 10
Cyanide	<i>ppm</i>	Max. 0.5
Lead	<i>ppm</i>	Max. 2
Arsenic	<i>ppm</i>	Max. 1
Mercury	<i>ppm</i>	Max. 1
Reducing substances (sugars)	-	Passes test
Sodium	% w/w	Max. 0.1
Citrate, oxalate, phosphate or tartrate	-	Passes test
Methanol and methyl esters	<i>ppm</i>	Max. 250

REGISTRATION

Labeling	E 326
CAS number	85895-78-9
GRAS status	Yes
Complies with	FCC ⁽¹⁾ Kosher - Halal

PACKAGING

See packaging list

STORAGE CONDITIONS

Dry, well ventilated room

SHELF-LIFE

48 months

LEGEND

⁽¹⁾ Latest edition