

PURALACT L

Description

PURALACT L is a dimer of L-Lactic acid. PURALACT L is a white, crystalline solid that is commonly used to prepare L-Lactide containing homopolymers or copolymers.

Specification

Product	L-Lactide
Form	white crystalline solid
Melting range	90-100°C
Assay	min. 99% w/w
Chiral purity (S/(R+S))*100	min. 99%
Free acid	max. 7 meq/kg
Meso lactide content	max. 2%
Water	max. 0.03%
Heavy metals total	max. 10 ppm
Tin	max. 2 ppm

Physical-chemical properties

Molecular formula	C ₆ H ₈ O ₄
Molecular weight	144.13 g/mol
Chemical name	(3S-cis)-3,6-dimethyl-1,4-dioxane-2,5-dione

Registration

CAS number	4511-42-6 95-96-5 (general lactide)
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Storage conditions

Preferably store below 35 degrees C.

Remarks

Not intended for medical and/or pharmaceutical purposes.

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