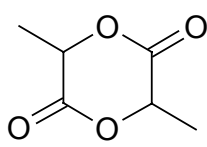


## L-Lactide S

Material number:	80691935
CAS number:	4511-42-6
Chemical name:	(3S-cis)-3,6-dimethyl-1,4-dioxane-2,5-dione
Packaging:	10 kg fibre drum
11 December 2002	
	
	$C_6H_8O_4$ Mol.-wt: 144.1

## Specification

Description:	white substance
Odour:	almost odourless
Solubility:	freely soluble in methylene chloride sparingly soluble in toluene
Identity:	IR-Spectrum conforms to reference
Specific optical rotation:	$(\alpha)_D^{25} > -289^\circ$
Colour of solution:	not more intense than Y7
Clarity of solution:	not more opalescent than suspension I
Melting range (DSC):	96.5 - 99.5°C
Heavy metals:	max. 10 ppm
Water:	max. 0.02 %
Free acid:	max. 3 meq/kg (i.e 0.027 %)
Residual solvent:	max. 0.5 % toluene
Mesolactide:	max. 0.2 %
Polymerisation test:	passed
Assay (L-Lactide S):	99.0 - 101.0 %