

## DL- $\alpha$ -Lipoic acid, Plant Culture Tested

**PCT1321**


### Product Identifier

CAS No.	:	1077-28-7
EC No.	:	214-071-2
Molecular Formula	:	C <sub>8</sub> H <sub>14</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight	:	206.33
HS Code	:	2934 99 90
Storage	:	2 - 8°C
Shelf life	:	3 years

### Technical Specification

Appearance	:	Yellow to yellow-brown crystals or powder
Solubility	:	Clear solution at 33.3 mg in 1 mL of ethanol
FTIR	:	Matches with the standard pattern
Melting range	:	59 - 63°C
Assay (NaOH Titration)	:	98.00 - 102.00%
Plant Tissue Culture Test	:	Passes

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H302- H315- H317- H319- H411
Precautionary Statement(s)	:	P261- P273- P280- P333 + P313- P337 + P313- P501
UN No.	:	3077
Class	:	9
Packing Group	:	III
RTECS	:	JP1192000
WGK	:	2