

INSOLENT [LABS]

R-Alpha lipoic acid

Product SPECIFICATION

Product Name	R-Alpha lipoic acid
INCI Name	1,2-dithiolane-3-valeric acid, compound with 2-amino-2-(hydroxymethyl)propane-1,3-diol (1:1)
EINECS Number	238-329-9
CAS Code	14358-90-8

Description	A pale yellow crystal with a characteristic odor, tasteless
Identification	Meets the requirements
Melting point	48 ~ 51° C
Specific optical Rotation (C=1, Ethanol)	+110° - +120°
Loss on drying	0.5% Max.
Residue on ignition	0.1% Max.
Cyclohexane	0.388% max.
Heavy metals	10 ppm Max.
Lead	2 ppm max.
Arsenic	1 ppm max.
Cadmium	1 ppm max.
Mercury	0.1 ppm max.
Total Plate Count	1,000 per/g Max.
Moulds and Yeasts	100 per/g Max.
Escherichia coli	Negative
Salmonella	Negative
Particle Size	100% Through 40 mesh
Loose Bulk Density	0.25 ~ 0.35 g/ml
Assay	99.00% Min.
Starting Material: Alpha Lipoic Acid.	

General Product INFORMATION

Mesh of the product	20-80
Taped density	0.4-0.5 g/ml
Bulk density	0.25-0.35 g/ml
Water solubility	Very soluble in cold water
Origin (Synthetic, Fermentation)	synthetic
Origin (Animal, Vegetal, etc.)	chemical
Is the product and their ingredients FREE of GLUTEN?	Yes