

Specification of Alpha Lipoic acid

Product: Alpha Lipoic acid

Type: Food Grade

Package:25KG Drum

Items		Specifications
Appearance		Slightly yellow crystal powder
Identification		IR-Spectroscopy
		Liquid chromatography
Melting Point		60.0~62.0°C
Specific rotation		-1.0°to +1.0°
Loss on drying		0.2% max
Residue on Ignition		0.1% max
Heavy Metals		10ppm max
Lead		3ppm max
Arsenic		1ppm max
Cadmium		1ppm max
Mercury		0.1ppm max
Chromatographic purity	Individual Impurities	0.1% max
	Total Impurities	2.0% max
	Chromatographic purity(TLC)	Conforms
Residual Solvents	Cyclohexane	3880ppm max
	Ethyl Acetate	500ppm max
	Toluene	20ppm max
Total aerobes counts		1000 cfu/g max
Moulds and Yeasts		100 cfu/g max
E.coli		Absence/g
Staphylococcus aureus		Absence/g
Salmonella		Absence/g
Particle Size		100% through 40 mesh
Loose Bulk Density		N/A(just report)
Assay (dried basis)		99.0%~101.0%
Conclusion		Conformed current USP

Shelf Life: 24 Months

Keep away from Light and Water, heat