

TECHNICAL DATA SHEET

ALIPURE[®] CD (encapsulated alpha Lipoic Acid) (J)

Characteristics: ALIPURE[®] CD is a fine, yellowish powder. Solvent-free alpha-Lipoic Acid, produced under a patented manufacturing process, is encapsulated with alpha-Cyclodextrin resulting in improved properties. The encapsulating process and the application of Alipure[®] CD are patent protected. ALIPURE[®] CD is a dietary supplement used as a powerful antioxidant.

Composition: ALIPURE[®] CD consists of alpha-Lipoic acid and alpha-Cyclodextrin.

alpha-Lipoic Acid	$C_8H_{14}S_2O_2$	CAS-No. 1077-28-7
alpha-Cyclodextrin	$C_{36}H_{60}O_{30}$	CAS-No. 10016-20-3

ALIPURE[®] CD disperses easily in water and has excellent solubility characteristics.

Specification:	Alpha-Lipoic Acid	min. 12 %	(typically > 12.5%)
	Moisture	max. 6 %	(typically < 4%)
	Potassium	max. 4 %	(typically < 3,5 %)

Regular Control:	<i>Heavy metals</i>	max. 10 ppm
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Microbiological data

Total plate count	max. 1000/g
Coliforms	negative/10 g
Yeast and Mold	max. 100/g
E-Coli	negative/10g
Salmonellae	negative/10g

Organic Solvents (detection limit <1 ppm)

Acetone	not detectable
Cyclohexane	not detectable
Dichloromethane	not detectable
Ethanol	not detectable
Ethylacetate	not detectable
Hexane	not detectable
MTBE	not detectable
Toluene	not detectable

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Physical Properties: Particle Size (light scattering) min. 98 % < 400 µm

Storage Conditions / Keeping Quality: ALIPURE[®] CD should be stored in the dark, dry at cool to room temperature.

It is recommended to store ALIPURE[®] CD in the original unopened container, under the suggested storage conditions. Reclose immediately after opening, as the material is sensitive to light.

Shelf Life Shelf life is 24 months form date of manufacture if stored under suggested conditions. Material is sensitive to light.

Packaging/Size 10kg/Drum

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