

SPECIFICATION SHEET

Product Name	AKCOS® Cetyl ethylhexanoate
CAS No.	59130-69-7
Molecular Formula	C ₂₄ H ₄₈ O ₂
Molecular Weight	368.64
Product Specification	98.0%
Country of Origin	China

QUALITY SPECIFICATIONS

ITEMS	SPECIFICATIONS	METHODS
Appearance	Colorless to slightly yellow liquid	Visual
Identification	Consistent with the reference standard spectrum	IR
	In the chromatogram recorded under the content determination item, the retention time of the main peak of the test solution should be consistent with that of the reference solution	HPLC
Moisture	≤0.2%	KF
Residue on Ignition	≤0.2%	USP <281>
Saponification value	135 ~ 165	Titration
Assay		
Cetyl ethylhexanoate	Nlt98.0 %	HPLC
Residues		
Solvent Residues	USP<467>	GC
Heavy metals		
Heavy Metals	≤20ppm	ICP-MS
Arsenic	≤2ppm	ICP-MS
Microbiological		
Total Plate Count	<1000cfu/g	USP <2021>
Yeast& Mold	<100cfu/g	USP <2021>



Aktin Chemicals, Inc.

No.88 Keyuan South Road, High-tech Zone, Chengdu
610041 P.R.China

Tel: 86-28-85159085 Fax: 86-28-85159085 Ex 604

Website: www.aktin.com Email: info@aktin.com

ITEMS	SPECIFICATIONS	METHODS
E.Coli	Negative	USP <2022>
Salmonella	Negative	USP <2022>
Staphylococcus	Negative	USP <2022>
Statement: Non-Irradiated, Non-BSE/TSE, Non-GMO, Non-Allergen		

STORAGE, STABILITY & PACKAGING

Storage	Store in a cool and dry place, avoid strong light and high temperature.
Stability	24 months when properly stored.
Packaging	25kg/bottle or as requested.