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

Nature Connecting Health

SPECIFICATION SHEET

Product Name	AKCOS® (-)-α-Bisabolol
CAS No.	23089-26-1
Molecular Formula	$C_{15}H_{26}O$
Molecular Weight	222.37
Product Specification	93.0%
Country of Origin	China

QUALITY SPECIFICATIONS

ITEMS	SPECIFICATIONS	METHODS
Appearance	Colorless liquid or viscous	Visual
Identification	The thin-layer chromatogram of this product should present spots consistent with the reference substance	TLC
Optical Rotation	-63.0°~ -53.0°(20/D)	USP <781>
Refractive Index	1.495-1.497	USP <831>
Purity		
(-)-α-Bisabolol	Nlt 93.0 %	GC
Residues		
Solvent Residues	USP<467>	GC
Heavy metals		
Heavy Metals	≤20ppm	ICP-MS
Lead	≤2ppm	ICP-MS
Arsenic	≤1ppm	ICP-MS
Mercury	≤0.1ppm	ICP-MS
Cadmium	≤1ppm	ICP-MS
Microbiological		
Total Plate Count	<1000cfu/g	USP <2021>
Yeast& Mold	<100cfu/g	USP <2021>

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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.