



We Bring Natural Ingredient From Nature

Shaanxi Guanjie Technology Co., Ltd. (factory)

Certificate of Analysis

Product Name	Flaxseed Extract	Manufacture Date	Aug.10,2022
Batch No.	FL220810	Certificate Date	Aug.14,2022
Batch Quantity	3000kgs	Expiration Date	Aug.09,2024
Storage Condition	Store in cool & dry place, Keep away from strong light and heat.		

Item	Specification	Result
Basic Product Information		
Genus and Species	<i>Linum usitatissimum L.</i>	Conform
Part of the Plant	Seed	Conform
Country of Origin	China	Conform
Marker Compounds		
Lignans(as SDG)	10% (HPLC)	10.52%
Organoleptic Data		
Appearance	Powder	Conform
Color	Faint yellow	Conform
Odor	Pleasant smell	Conform
Taste	Characteristic	Conform
Process Data		
Ethanol	<500ppm	Conform
Methanol	<500ppm	Conform
Flavacin B1	<2ppb	Conform
Benzoapyrene	<2ppb	Conform
Water-solubility	100% soluble	Conform
Physical Characteristics		
Particle Size	100%through100mesh	Conform
Loss on drying	<5%(105℃2hrs)	2.9%
Ash content	<5%(550℃)	2.2%
Bulk density	0.35-0.55g/cm ³	0.41 g/cm ³
Total fatty acids	<5%	<0.5%
Trans fatty acids	<500ppm	Conform
Heavy Metals		
Total Heavy Metals	<10 ppm	Conform
Arsenic(As)	<1.0 ppm	Conform
Lead(Pb)	<1.0 ppm	Conform
Cadmium(Cd)	<0.5 ppm	Conform
Mercury(Hg)	<0.1ppm	Conform
Pesticide Residue		
666	<0.2ppm	Conform
DDT	<0.2ppm	Conform
Microbiology		
Total Plate Count	<10 00cfu/g	Conform
Total Yeast & Mold	<100cfu/g	Conform
E. Coli	Negative	Negative
Salmonella	Negative	Negative

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S.aureus	Negative	Negative
Pesticides	Negative	Negative
GMO	Negative	Conform

Conclusion: Complies with specification

Tested by: Liu gang **Date:** 2022.08.14

Approved by: Susan Sun, Ph.D **Date:** 2022.08.14

