



Shaanxi LonierHerb Bio-Technology Co., Ltd.

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Certificate of Analysis

Product Information			
Product Name	Flaxseed Extract Powder	Report Number	FEP20220541
Botanical Name	Linum usitatissimum	Manufacture Date	2022/05/16
Used Part	Seed	Analysis Date	2022/05/21
Batch Number	FEP220516	Report Date	2022/05/26
Batch Quantity	500Kg	Expiry Date	2025/05/17
Test items	Specifications	Result	Test Methods
Active Ingredients			
Assay	≥20.0% Lignans(as SDG)	20.36%	HPLC
Physical & Chemical Data			
Appearance	Yellow Brown Fine Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	≤5.0 %	2.59%	105°C/2 hrs
Total Ash	≤5.0 %	1.38%	GB 5009.4-2016
Bulk Density	40~60g/100mL	51.3g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	55.2g/100mL	GB/T 18798.5
Contaminants			
Lead (Pb)	<3.0mg/kg	Conforms	ICP-MS
Arsenic (As)	<2.0mg/kg	Conforms	ICP-MS
Cadmium (Cd)	<1.0mg/kg	Conforms	ICP-MS
Mercury (Hg)	<0.1mg/kg	Conforms	ICP-MS
Microbiological			
Total Aerobic Count	≤1000cfu/g	155cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	20cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10
Conclusion			
Conclusion	To be complied with in-house Specification		
Shelf Life	3 years when properly stored.		
Storage	Store in cool & dry place, not freeze. Keep away from strong light.		

Tested by: 张丽娜

Checker: 李明

Approved:

