



We Bring Natural Ingredient From Nature

Shaanxi Guanjie Technology Co., Ltd(factory)

Certificate of Analysis

Product Name	Ferulic Acid	Manufacture Date	July. 25th, 2021
Batch No.	FE210725	Certificate Date	July. 28th, 2021
Batch Quantity	3560kgs	Expiration Date	July. 24th, 2023
Storage Condition	Store in cool & dry place, Keep away from strong light and heat.		

Item	Specification	Result	Method
Marker Compounds			
Ferulic acid	>98.0%	99.56%	HPLC
Organoleptic Data			
Appearance	Powder	Conform	GJ-QCS-1008
Color	White to light yellow	Conform	GB/T 5492-2008
Odor	Characteristic	Conform	GB/T 5492-2008
Taste	Characteristic	Conform	GB/T 5492-2008
Physical Characteristics			
Particle Size (80 mesh)	100%pass 80mesh	Conform	GB/T 5507-2008
Moisture	<2.0%	0.17%	GB/T 14769-1993
Ash Content	<1.5%	0.05%	AOAC 942.05, 18th
Solvent Residue	Eur. Pharm	Conform	GJ-QCS-1007
Heavy Metals			
Total Heavy Metals	<10 ppm	Conform	USP <231>, method II
As	<2.0 ppm	Conform	AOAC 986.15, 18th
Pb	<2.0 ppm	Conform	AOAC 986.15, 18th
Cd	<0.5ppm	Conform	AOAC 986.15, 18th
Hg	<0.5ppm	Conform	AOAC 986.15, 18th
Microbiology			
Total Plate Count	<1,000cfu/g	Conform	AOAC 990.12, 18th
Total Yeast & Mold	<100cfu/g	Conform	FDA (BAM) Chapter 18, 8th
E. Coli	Negative	Negative	AOAC 997.11, 18th
Salmonella	Negative	Negative	FDA (BAM) Chapter 5, 8th

Conclusion: Complies with specification

Tested by: Liu gang

Approved by: Susan Sun, Ph.D

Date: 2021.07.28

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