

CERTIFICATE OF ANALYSIS

Product Name	Ferulic acid	Batch Size	1000 kg
CAS No.	1135-24-6	Batch Number	AW20220520
Botanical Source	<i>Oryza sativa</i> L.	MFG. Date	May.20, 2022
Plant Part	Seed	Retest Date	May.19, 2024
Country of Origin	China	Issue Date	May.20, 2022

ITEM	SPECIFICATION	RESULT	TEST METHOD
Physical Description			
<i>Appearance</i>	White or Off White Powder	Conforms	Visual
<i>Odor</i>	Characteristic	Conforms	Organoleptic
<i>Taste</i>	Characteristic	Conforms	Olfactory
<i>Particle size</i>	100% pass through 80 mesh sieve	Conforms	CP2015
Chemical Tests			
<i>Assay</i>	≥99%	99.05%	HPLC
<i>Loss on drying</i>	≤1.0%	0.30%	CP2015 (105 °C, 3 h)
<i>Ash</i>	≤0.5%	0.14%	CP2015 (600 °C, 4 h)
<i>Heavy Metals</i>	≤20 ppm	Conforms	CP2015
<i>Lead (Pb)</i>	≤2 ppm	Conforms	CP2015(AAS)
<i>Arsenic (As)</i>	≤2 ppm	Conforms	CP2015(AAS)
<i>Cadmium (Cd)</i>	≤1 ppm	Conforms	CP2015(AAS)
<i>Mercury (Hg)</i>	≤1 ppm	Conforms	CP2015(AAS)
Microbiology Control			
<i>Aerobic bacterial count</i>	≤1,000 cfu/g	Conforms	CP2015
<i>Total Yeast & Mold</i>	≤100 cfu/g	Conforms	CP2015
<i>Escherichia coli</i>	Negative	Conforms	CP2015
<i>Salmonella</i>	Negative	Conforms	CP2015
Conclusion	Conforms to specification		
Storage:	Store in tightly sealed and preferably full containers in cool, dry and ventilated area.		
Shelf Life	24 months when properly stored.		
Status:	Non-irradiation; Non-GMO; No Carrier; Halal & Kosher certified.		

QA:

Fei wang

QC:

Fei zhao

Date: May.20, 2022