



## CERTIFICATE OF ANALYSIS

Product name:	Ferulic Acid	Manu. Date:	2022-08-10
Batch Number:	LYPH220810	Expiration Date:	2024-08-09
Batch Size:	300KG	Report Date:	2022-08-12

Item	Specification	Result
Character		
Appearance	Slight yellow powder	Complies
Smell	Rice bran oil-specific order	Complies
Melting point	170.0°C~174.0°C	172.1°C
Heavy metal testing		
Heavy metals	≤ 10ppm	Complies
As	≤ 2ppm	Complies
Pb	≤ 2ppm	Complies
Hg	≤ 1ppm	Complies
Micro organism testing		
Total bacterial count	< 1000cfu/g	Complies
Yeast & Mold	< 100cfu/g	Complies
E. Coli	Negative	Negative
Staphy lococcus	Negative	Negative
Physical and chemical analysis		
Natural degree C13	-36 ~ -33	-35.37
Natural degree C14/12	12 ~ 16	15.6
Residual solvents content	Ethanol< 1000ppm	Complies
Loss on drying	≤ 0.5%	0.2%
Ignition residue	≤ 2%	0.1%
Auxiliary material	Negative	Complies
Ferulic acid(HPLC)	≥ 98.0%	99.6%

Conclusion	Conforms with the standard
Storage Condition	Preserve in tight containers at controlled room temperature.
Shelf Life	2 Years when properly stored

Quality Assurance Officer: 董文华

Corrector: 李丽

Analyst: 贺强