

Certificate of Analysis

Product Information			
Product Name	Formononetin	Report Number	FML20210733
Botanical Name	Trifolium pratense L	Manufacture Date	2021/07/08
Used Part	Leaf&Flower	Analysis Date	2021/07/13
Batch Number	FML210708	Report Date	2021/07/18
Batch Quantity	300Kg	Expiry Date	2023/07/07
Test Items	Specifications	Result	Test Methods
Active Ingredients			
Assay	≥98.0%	98.29%	HPLC
Physical & Chemical Data			
Appearance	White 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 %	2.13%	105°C/2 hrs
Total Ash	≤5.0 %	0.49%	GB 5009.4-2016
Bulk Density	40~60 g/100mL	50.3g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	52.2g/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	110cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	10cfu/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	2 years when properly stored.		
Storage	Store in cool & dry place, not freeze. Keep away from strong light.		

Remarks: This product is natural, the color vary from batch to batch.

Tested by: 张丽娟

Checker: 李明

Approved:

