

## Certificate of Analysis

<b>Product Information</b>			
Product Name	Limonin	Report Number	LML20210850
CAS No.	1180-71-8	Manufacture Date	2021/08/25
Batch Number	LML210825	Analysis Date	2021/08/30
Batch Quantity	200Kg	Expiry Date	2023/08/24
<b>Test Items</b>	<b>Specifications</b>	<b>Result</b>	<b>Test Methods</b>
<b>Active Ingredients</b>			
Assay	≥98.0%	98.35%	HPLC
<b>Physical &amp; Chemical Data</b>			
Appearance	White Crystalline Powder	Conforms	Visual
Odor and Taste	Characteristic	Organoleptic	Organoleptic
Identification	Positive	Conforms	
Loss on Drying	≤5.0 %	2.12%	105°C/2 hrs
Total Ash	≤5.0 %	0.29%	GB 5009.4-2016
<b>Contaminants</b>			
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
<b>Microbiological</b>			
Total Aerobic Count	≤1000cfu/g	75cfu/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
<b>Conclusion</b>			
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.		

Tested by: 张丽娜

Checker: 李明

Approved:

