



### Certificate of Analysis

#### General Information

Product Name:	Rosemary Extract	Part Used:	Leaf
Batch Number:	23112904GS	Production Dale:	2023.11.29

Item	Specification	Result	Method
<b>Physical and Chemical Property</b>			
Appearance	Light Yellow	Conforms	Visual
Particle size	≥100% through 80 mesh	Conforms	Screening
Residue on Ignition	≤1g/100g	0.50g/100g	3g/550°C/4hrs
Loss on Drying	≤5g/100g	3.48g/100g	3g/105°C/2hrs
Identification	Conform with TLC	Conforms	TLC
Content	50% Rosmarinic acid	50.54%	HPLC
<b>Residue Analysis</b>			
Heavy Metals	≤10mg/kg	Conforms	
Lead (Pb)	≤1.00mg/kg	Conforms	ICP-MS
Arsenic (As)	≤1.00mg/kg	Conforms	ICP-MS
Cadmium (Cd)	≤1.00mg/kg	Conforms	ICP-MS
Mercury (Hg)	≤0.50mg/kg	Conforms	ICP-MS
<b>Microbiological Tests</b>			
Total Plate Count	≤1000cfu/g	200cfu/g	AOAC 990.12
Total Yeast & Mold	≤100cfu/g	10cfu/g	AOAC 997.02
E.Coli.	Negative/10g	Conforms	AOAC 991.14
Salmonella	Negative/10g	Conforms	AOAC 998.09
S.aureus	Negative/10g	Conforms	AOAC 2003.07

#### Product Status

Conclusion: Sample Qualified.

Shelf Life: 24 months under the conditions below and in its original packaging.

Storage: Store in a cool, dry place away from Moisture, Light.

Quality Assurance: Liang Yan

