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V2.01-2021

Certificate of Analysis

Product Information			
Product Name	Rosemary Leaf Extract Powder	Report Number	RLP20210932
Botanical Name	Rosmarinus officinalis	Manufacture Date	2021/12/26
Used Part	Leaf	Analysis Date	2021/12/31
Batch Number	RLP211226	Report Date	2022/01/05
Batch Quantity	500Kg	Expiry Date	2024/12/25

Test items	***Specifications***	***Result***	***Test Methods***
Active Ingredients			
Assay	≥25.0% Carnosic Acid	25.36%	HPLC
Physical & Chemical Data			
Appearance	Brown Green 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 %	2.58%	105℃/2 hrs
Total Ash	≤5.0 %	0.41%	GB 5009.4-2016
Bulk Density	40~60g/100mL	49.3g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	52.8g/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	190cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	20cfu/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	3 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: Checker: Approved: