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V2.01-2021

Certificate of Analysis

Product Information			
Product Name	Mulberry Extract Powder	Report Number	MEP20220326
Botanical Name	Morus alba	Manufacture Date	2022/03/01
Used Part	Leaf	Analysis Date	2022/03/06
Batch Number	MEP220301	Report Date	2022/03/11
Batch Quantity	500Kg	Expiry Date	2025/02/28

Test items	***Specifications***	***Result***	***Test Methods***
Active Ingredients			
Assay	≥5.0% Flavone	5.39%	UV
Physical & Chemical Data			
Appearance	Brown 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 %	2.78%	105℃/2 hrs
Total Ash	≤5.0 %	0.42%	GB 5009.4-2016
Bulk Density	40~60g/100mL	49.3g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	52.5g/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	175cfu/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: