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V2.01-2021

Certificate of Analysis

Product Information			
Product Name	Gordon Euryale Seed Extract	Report Number	GON20211135
Botanical Name	Semen Euryales	Manufacture Date	2021/11/10
Used Part	Seed	Analysis Date	2021/11/15
Batch Number	GON211110	Report Date	2021/11/20
Batch Quantity	800Kg	Expiry Date	2024/11/09

Test Items	***Specifications***	***Result***	***Test Methods***
Active Ingredients			
Extract Ratio	10:1	Conforms	TLC
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 %	3.12%	105℃/2 hrs
Total Ash	≤5.0 %	3.06%	GB 5009.6
Bulk Density	40~60g/100mL	49.4 g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	52.9 g/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	160cfu/g	GB 4789.2
Yeast & Moulds	≤ 100cfu/g	50cfu/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: