



Shaanxi LonierHerb Bio-Technology Co., Ltd.

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V2.01-2021

Certificate of Analysis

Product Information

Product Name	Diosgenin	Report Number	DGL20210824
Batch Number	DGL210729	Manufacture Date	2021/07/29
Batch Quantity	200Kg	Analysis Date	2021/08/04
Expiry Date	2023/07/28	Report Date	2021/08/09

Test items	Specifications	Result	Test Methods
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Active Ingredients

Assay	≥95.0%	95.26%	HPLC
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Physical & Chemical Data

Appearance	White 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 %	2.32%	105°C/2 hrs
Total Ash	≤5.0 %	0.28%	GB 5009.4-2016

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	170cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	30cfu/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	2 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: 张丽娜

Checker: 李明

Approved:

