



Shaanxi LonierHerb Bio-Technology Co., Ltd.

Add: No.56 Jinye Road, Hi-tech Zone, Xi'an China 710077

Tel: +86-29-87551862/ 85875292

www.Lonierherb.com E-mail:info@lonierherb.com

V2.01-2021

Certificate of Analysis

Product Information			
Product Name	Horse Chestnut Extract Powder	Report Number	HCL20210533
Botanical Name	Aesculus hippocastanum L	Manufacture Date	2021/05/08
Used Part	Seed	Analysis Date	2021/05/13
Batch Number	HCL210508	Report Date	2021/05/18
Batch Quantity	500Kg	Expiry Date	2024/05/07
Test Items	Specifications	Result	Test Methods
Active Ingredients			
Assay	97% ~103% Aescin	98.28%	Titration
Physical & Chemical Data			
Appearance	Almost White or Light Yellow Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	≤5.0 %	2.13%	105°C/2 hrs
Specific Rotation	- 24.0°~ - 30.0°	- 25.2°	GB/T 613-2007
pH	3~5	3.1	GB 5009.237-2016
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	150cfu/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: 张丽芳

Checker: 李明

Approved:

