

CERTIFICATE OF ANALYSIS

Produce Name: Rhodiola P.E.

Botanical Name: *Rhodiola crenulata*

Batch Number: TRG210512

Manufacture Date: 2021-05-12

Batch Quantity: 1000Kg

Analysis Date: 2021-05-13

Expiry Date: 2023-05-11

Used Part: Root

Items	Standards	Results	Method
Physical and chemical analysis:			
Description	Reddish Brown Powder	Qualified	Visual
Taste&Odor	Typical	Qualified	Organoleptic
Assay	Salidroside ≥ 10%	11.18%	HPLC
Identification	(+)	Positive	TLC
Ash Content	≤ 5.0%	1.57%	CP2015
Loss on Drying	≤ 5.0%	2.44%	GB 5009.3
Mesh Size	100% pass 80 mesh	80 mesh	CP2015
Bulk density	40~60g/100ml	58g/100ml	CP2015
Tap density	60~90g/100ml	67g/100ml	CP2015
Residue analysis:			
Heavy Metal	≤ 10ppm	Qualified	CP2015
Pb	≤ 2ppm	Qualified	GB 5009.12-2003
As	≤ 2ppm	Qualified	GB 5009.11-2003
Hg	≤ 0.1ppm	Qualified	GB 5009.17-2010
Cd	≤ 1ppm	Qualified	GB 5009.15-2014
Solvents Residue	Meet Eur.Ph.7.0 <5.4>	Qualified	Eur.Ph 7.0<2.4.24>
Pesticides Residue	Meet USP Requirements	Qualified	USP34 <561>
Microbiological			
Total Plate Count	≤ 1000cfu/g	120cfu/g	GB/T 4789.2
Yeast&Mold	≤ 20cfu/g	15cfu/g	GB/T 4789.15
E.coil	Negative	Negative	GB/T 4789.3
Salmonella	Negative	Negative	GB/T 4789.4
Staphylococcus aureus	Negative	Negative	GB/T 4789.10
Shigella sonnei	Negative	Negative	GB/T 4789.5
Aflatoxin	≤ 5.0μg/kg	Negative	GB 5009.24
GMO Free	Qualified	Qualified	
General Information:			
Conclusion	Conform to specification.		
Packing	Packed in paper-drums and two plastic-bags inside. N.W:25kgs .I.D.35×H51cm;		
Storage	Keep in cool & dry place. Keep away from strong light and heat.		
Shelf life	24 months under the conditions above and in its original packaging.		



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