



Xi'an Rainbow Biotech Co.,Ltd

Certificate of Analysis

Product Name: Macleaya Cordata Extract

Batch Number: RBS20201015

Latin Name: *Macleaya cordata (Willd.) R. Br*

Test Date: 20201028

Part Used: Fruit

Manufacture Date: 20201015

Quantity: 1000KG

Expiry Date: 20221014

ITEM	SPECIFICATION	RESULT	METHOD
ID	postive	postive	TLC
Total alkaloids NLT 60.0% (By HPLC)		60.22%	HPLC
Sanguinarine	NLT45%	45.14%	HPLC
chelerythrine	NLT15%	15.08%	HPLC
Description :			
Appearance	Orange fine powder	Complies	Visual
Odour	Characteristic	Complies	organoleptic
Partical size	95% passes 60 mesh	Complies	60 mesh
Loss on dry	≤5%	4.02%	CP2015
Chemical :			
Heavy metal	≤10.0 ppm	Complies	AAS
Lead	≤2.0 ppm	Complies	AAS
Arsenic	≤2.0 ppm	Complies	AAS
Cadmium	≤1.0 ppm	Complies	AAS
Mercury	≤0.1 ppm	Complies	AAS
Microbiology Control			
Total Plate Count	<1000cfu/g	Complies	AOAC
Yeast & Mold	<100cfu/g	Complies	AOAC
E.Coli	Negative	Complies	AOAC
Salmonella	Negative	Complies	AOAC

Packing & Storage:

Packed in paper-drums and two plastic-bags inside. N.W.:25kgs .I.D.35cm×H51cm

Store in a well-closed container Away from moisture.

If the temperature is lower than 18°C, the oil solidified will turn into solid, it does not affect the product quality, water bath heating, can restore oily liquid.

QC: Shifu Lei 2020.10.28 QA: Tao Ye 2020.10.28

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