

Certificate of Analysis

Product Name:	Rose Hip Extract	Batch Number:	RC2020312
Botanical Source:	<i>Rosa canina L</i>	Used Part:	Fruit
Manufacture Date:	2020-03-12	Expiry Date:	2023-03-11
Batch Quantity:	500kg	Country of Origin:	China

Analysis Item	Specification	Result	Method
Appearance	Light brown yellow fine powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Identification	Positive	Positive	TLC
Assay	Vit. C $\geq 50\%$	52.4%	HPLC
Loss on Drying	$\leq 5\%$	3.15%	EP 7.0
Residue on Ignition	$\leq 10\%$	2.56%	EP 7.0
Mesh Size	100% pass through 80mesh	Conforms	USP 36
Bulk Density	0.35~0.65g/ml	0.48g/ml	EP 7.0
Pesticides Residue	Conform to (EC) No. 396/2005	Conforms	(EC) No. 396/2005
PAH4	$\leq 50\text{ppb}$	Conforms	(EC) No. 1933/2015
Benzo(a)Pyrene	$\leq 10\text{ppb}$	Conforms	(EC) No. 1933/2015
Heavy Metal Control			
Heavy Metals	$\leq 10\text{ppm}$	<10ppm	EP 7.0
Lead(Pb)	$\leq 3\text{ppm}$	<3ppm	EP 7.0
Arsenic (As)	$\leq 1\text{ppm}$	<1ppm	EP 7.0
Cadmium(Cd)	$\leq 1\text{ppm}$	<1ppm	EP 7.0
Mercury(Hg)	$\leq 0.1\text{ppm}$	<0.1ppm	EP 7.0
Microbiology Control			
Total Plate Count	$\leq 10,000\text{cfu/g}$	<10,000cfu/g	USP36
Total Yeast & Mold	$\leq 500\text{cfu/g}$	<500cfu/g	USP36
Escherichia Coli	Negative in 1g	Conforms	USP36
Salmonella sp.	Negative in 25g	Conforms	USP36
Staphylococcus	Negative in 10g	Conforms	USP36
General Status	Non-GMO, Non-Allergen, Non-Irradiation, Non-Animal Origin		
	Packed in paper-drums and two plastic-bags inside. 25kg per drum. Store in a well-closed container away from moisture, light, oxygen.		

QUALITY CONTROL

Conclusion: Qualified

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 Authorized Signature(s)