

Certificate of analysis

Gracefruit Ltd

Aloe vera gel spray dried powder 200.1

Batch	Manufactured	Expiration
C20171205	05/12/17	04/12/20

General Information

Part Used	Leaf
Solvents Used	Water & Ethanol
Botanical Source	Aloe Vera

ITEMS	SPECIFICATION	METHOD	TEST RESULTS
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Physical&Chemical Data

Color	White	Organoleptic	Conform
Odour	Characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform

Analytical Quality

Identification	Identical to R.S. sample	HPTLC	Identical
Extract Ratio	200:1	Conform	
Sieve analysis	100 % through 80 mesh	USP <786>	Conform
Loss on Drying	≤5.0 %	Eur.Ph. 7.0 [2.8.17]	4.82 %
Total Ash	≤10.0 %	Eur.Ph. <2.4.16>	2.27 %
Bulk density	40~60 g/100mL	Eur.Ph. <2.9.34>	43 g/100mL
Tap density	60~90g/100mL	Eur.Ph. <2.9.34>	76 g/100mL

Contaminants

Lead (Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0698 mg/kg
Arsenic (As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0726 mg/kg
Cadmium (Cd)	≤1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0463 mg/kg
Mercury (Hg)	≤0.1 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0411 mg/kg
Benzo(a)Pyrene	≤10µg/Kg	(EC)No.1881/2006	Conform
PAH4	≤50µg/Kg	(EC)No.1881/2006	Conform
Solvents Residue	Meet Eur.Ph.7.0 <5.4>	Eur.Ph. <2.4.24>	Conform
Pesticides Residue	Meet USP Requirements	USP36 <561>	Conform

Microbiological

Total Plate Count	≤10000 cfu/g	USP36 <2021>	10 cfu/g
Yeast &Mold	≤1000 cfu/g	USP36 <2021>	10 cfu/g
E.Coli.	Negative	USP36 <2022>	Conform
Salmonella	Negative	USP36 <2022>	Conform

General Status

Non-Irradiation	≤700	EN13751:2002	279
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Packing&Storage Packed in paper-drums and two plastic-bags inside.

N.W:25kgs .I.D.35×H51cm;

Store in a well-closed container Away from moisture,light, oxygen.

Shelf life 36 months under the conditions above and in its original packaging.