

Certificate of Analysis

Aloe Vera Powder 200.1

Batch

C20160511

Manufactured

11/05/16

Expiration

10/05/19

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
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Odour	Characteristic	Organoleptic	Conform
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Appearance	Fine Powder	Organoleptic	Conform
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Analytical Quality

Identification	Identical to R.S. sample	HPTLC	Identical
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Extract Ratio	200:1	Conform	
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Sieve analysis	100 % through 80 mesh	USP36<786>	Conform
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Loss on Drying	≤5.0 %	Eur.Ph.7.0 [2.8.17]	2.95 %
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Total Ash	≤10.0 %	Eur.Ph.7.0 [2.4.16]	4.26 %
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Bulk density	40~60 g/100mL	Eur.Ph.7.0 [2.9.34]	52 g/100mL
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Tap density	60~90g/100mL	Eur.Ph.7.0 [2.9.34]	68 g/100mL
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Contaminants

Lead (Pb)	≤3.0 mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS	0.5622 mg/kg
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Arsenic (As)	≤2.0 mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS	0.3425 mg/kg
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Cadmium (Cd)	≤1.0 mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS	0.0215 mg/kg
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Mercury (Hg)	≤0.1 mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS	0.0136 mg/kg
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Solvents Residue	Meet Eur.Ph.7.0 <5.4>	Eur.Ph.7.0<2.4.24>	Conform
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Pesticides Residue	Meet USP Requirements	USP36 <561>	Conform
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Benzo(a)Pyrene	≤10µg/Kg	(EC)No.1881/2006	Conform
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PAH4	≤50µg/Kg	(EC)No.1881/2006	Conform
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Microbiological

Total Plate Count	≤10000 cfu/g	USP36 <61>	50 cfu/g
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Yeast &Mold	≤1000 cfu/g	USP36 <61>	20 cfu/g
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E.Coli.	Negative	USP36 <62>	Conform
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Salmonella	Negative	USP36 <62>	Conform
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General Status

Non-Irradiation	≤700	EN13751:2002	185
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