

**Certificate of Analysis**

**Aloe vera gel spray dried powder 200.1**

**Batch**

C20170302

**Manufactured**

02/03/17

**Expiration**

01/03/20

**General Information**

Part Used Leaf

Solvents Used Water & Ethanol

Botanical Source Aloe Vera

ITEMS	SPECIFICATION	METHOD	TEST RESULTS
-------	---------------	--------	--------------

**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]	4,85%
Total Ash	≤10.0 %	Eur.Ph. <2.4.16>	5,36%
Bulk density	40~60 g/100mL	Eur.Ph. <2.9.34>	42 g/100mL
Tap density	60~90g/100mL	Eur.Ph. <2.9.34>	63 g/100mL

**Contaminants**

Lead (Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.2824 mg/kg
Arsenic (As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.1068 mg/kg
Cadmium (Cd)	≤1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.1051 mg/kg
Mercury (Hg)	≤0.1 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0559 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>	170 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	234
-----------------	------	--------------	-----

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.