

## Certificate of Analysis

Gracefruit Ltd

Aloe Vera Powder

<b>Batch</b>	<b>Manufactured</b>	<b>Expiration</b>
C20171126	26/11/17	25/11/20

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]	4.80 %
Total Ash	≤10.0 %	Eur.Ph. <2.4.16>	6.31 %
Bulk density	40~60 g/100mL	Eur.Ph. <2.9.34>	45 g/100mL
Tap density	60~90g/100mL	Eur.Ph. <2.9.34>	72 g/100mL
Contaminants			
Lead (Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.2277 mg/kg
Arsenic (As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.3221 mg/kg
Cadmium (Cd)	≤1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0998 mg/kg
Mercury (Hg)	≤0.1 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0271 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	321

Store in a well-closed container Away from moisture,light, oxygen.  
Shelf life 36 months under the conditions above and in its original packaging.