CERTIFICATE OF ANALYSIS

Product name:	**Aloe Vera Gel Freeze Dried Powder**		
Plant Latin name:	*Aloe vera (L.) Burm.f.*	Ref. Standard:	In-house Standard
Used part:	Leaf	Spec.:	200:1
Batch Number:	20220509	Manuf. Date:	May. 09, 2022
Batch Size :	60kg	Expiry Date:	May. 08, 2024
Storage Condition:	Preserve in tight, light resistance containers, and store at controlled room temperature.		

Item	Specification	Result
Organoleptic		
Appearance	Fine Powder	Conforms
Color	Light yellow	Conforms
Odor	Characteristic	Conforms
Taste	Characteristic	Conforms
Physical Characteristics		
Loss on Drying	≤8.0%	2.87%
pH(0.5% solution)	3.5-5.0	4.60
O-acetyl polysaccharide	≥75000mg/L	112300mg/L
Absorbency (0.5% solution, 400nm)	≤0.20%	0.020%
Aloin(0.5% solution)	≤0.20ppm	Not Detected
Heavy metals	≤20ppm	Conforms
Lead(Pb)	≤2.0ppm	Conforms
Arsenic(As)	≤1.0ppm	Conforms
Mercury(Hg)	≤0.1ppm	Conforms
Microbiological Tests		
Total plate Count	≤5000cfu/g	Conforms
Yeast & Mold	≤100cfu/g	Conforms
Coliforms	≤3MPN/g	Negative
Conclusion:	Conform to In-house standard.	

Tested by: Tiantian Wang

Approved by: Yulian Liu

Xi'an Natural Field Bio-technique Company Limited Inspection

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