

CERTIFICATE OF ANALYSIS

Product and Batch Information			
Product Name: Durian Fruit Powder		Botanical Source.: Durio zibethinus	
Batch No.: LSM240820		Quantity: 500KGS	
Manufacture Date: Aug,20, 2024	Analysis Date: Aug,20, 2024	Expiration Date: Aug,19, 2026	

Analysis	Specification	Result	Test method
Physical Description			
Identification	Positive	Positive	TLC
Appearance	Light Yellow Powder	Light Yellow Powder	Visual
Odor	Characteristic	Characteristic	Organoleptic
Particle size	98% through 80 mesh	80 mesh	80 Mesh Screen
Chemical Tests			
Assay	Fruit powder	Fruit powder	TLC
Loss on drying	7% Max	5.12%	5g / 105C /2hrs
Ash Content	8% Max	0.40%	2g / 525C /3hrs
SO2	50 mg/kg Max	15 mg/kg	Complies
Total Acid	10 g/100g Max	3.26 g/100g	GB12456-2021
Total Sugar	10-50 g/100g	16.3 g/100g	GB 5009.8-2023
Benzoic acid and sodium benzoate	Negative	Negative	Complies
Potassium sorbate and its sodium salts	500 Max	120	Complies
Heavy metals			
Pb(mg/kg)	0.5 Max	<0.5	GB5009.12
Hg(mg/kg)	0.02 Max	<0.02	GB5009.17
As(mg/kg)	0.5 Max	<0.5	GB5009.11
Cd(mg/kg)	0.2 Max	<0.2	GB5009.15
Microbiology			
Total plate count	1000cfu/g Max	<1000cfu/g	AOAC
Yeast & Mould	100cfu/g Max	<100cfu/g	AOAC
E. Coli	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
Conclusion :	Complies with the enterprise standard		