

CERTIFICATE OF ANALYSIS

Product Name	Kale Powder	Batch Number	K20260727
Botanical Latin Name	<i>Brassica oleracea var.</i>	Manufacturer Date	20260727
Part Used	Leaf	Expiry Date	20290726
Batch Quantity	1000kg	Report Date	20260803
Solvents	/	Carrier	None

ITEMS	SPECIFICATION	RESULTS	TEST METHOD
Physical&Chemical Data			
Appearance	Green fine powder	Visual	Visual
Odor&Taste	Characteristic	Organoleptic	Organoleptic
Identification	Positive	Conforms	TLC
Particle Size	NLT95% pass 200 mesh	Conforms	200 Mesh Screen
Loss on Drying	NMT7.0%	4.69%	CP2015
Ash Content	NMT8.0%	2.77%	CP2015
Bulk Density	0.3-0.6g/ml	0.53g/ml	CP2015
Tap Density	0.6-0.9g/ml	0.70g/ml	CP2015
Heavy Metals			
Heavy Metals	NMT10ppm	<10ppm	Atomic Absorption
Lead(Pb)	NMT3ppm	<3ppm	Atomic Absorption
Arsenic (As)	NMT2ppm	<2ppm	Atomic Absorption
Mercury(Hg)	NMT0.1ppm	<0.1ppm	Atomic Absorption
Cadmium(Cd)	NMT1ppm	<1ppm	Atomic Absorption
Microbiological			
Total Plate Count	NMT10,000cfu/g	1,700cfu/g	CP2015
Total Yeast & Mold	NMT100cfu/g	50cfu/g	CP2015
Coliform	NMT3MPN/g	<3MPN/g	CP2015
E.coli	Negative	Conforms	CP2015
Salmonella	Negative	Conforms	CP2015
Staphylococcus	Negative	Conforms	CP2015
General Status	Non-GMO, Allergen Free, Non-Irradiation		
Packaging &Storage	Packed in food grade paper-drums and two plastic-bags N/W: 25kg per drum and G/W: 28kg per drum Keep in cool & dry place. Stay away from strong sun light and heat		
Shelf Life	Three years		
Conclusion	Qualified		

