



Certificate of Analysis

Product Name	Black Currant Extract		
Plant Source:	<i>Ribes nigrum L.</i>	Used part:	Fruit
Extraction Solvent	Ethanol & Water	Carrier	Maltodextrin
Quantity:	500KG	Batch:	2602042
Manufacture Date:	Feb.04, 2025	Retest Date:	Feb.03, 2027

Item	Specification	Result	Test Method
Physical Control			
Anthocyanins	25%	25.1%	HPLC
Appearance	Purple to deep purple powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Loss on Drying	≤5.0%	3.10%	2g/ 105°C/3hrs
Ash	≤5.0%	0.42%	2g/600°C/3hrs
Particle Size	95% through 80 mesh	Conforms	CP2015
Chemical Control			
Arsenic (As)	≤2.0ppm	Conforms	CP2015
Cadmium(Cd)	≤1.0ppm	Conforms	CP2015
Mercury(Hg)	≤1.0ppm	Conforms	CP2015
Lead (Pb)	≤1.0ppm	Conforms	CP2015
Microbiological Control			
Total Plate Count	≤1000cfu/g	90cfu/g	CP2015
Yeast & Mold	≤100cfu/g	<10cfu/g	CP2015
E.Coli	Negative	Conforms	CP2015
Salmonella	Negative	Conforms	CP2015
Staphylococcus aureus	Negative	Conforms	CP2015
Packing and Storage			
Packing	25Kg/Drum		
Storage	Store in a well-closed container away from moisture and direct sunlight.		
Shelf Life	2years if sealed and stored properly.		