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SPECIFICATION

Product Name	Marigold Extract
Botanical Latin Name	<i>Tagetes erecta L.</i>
Plant Part	Flower

Item	Specification	Test Method
Physical&Chemical Control		
Appearance	Orange Fine Powder	Visual
Odor&Taste	Characteristic	Organoleptic
Assay	Lutein≥5.0%	HPLC
Particle Size	95% pass 80 mesh	80 Mesh Screen
Loss on Drying	≤5.0%	CP2020
Residue on Ignition	≤5.0%	CP2020
Heavy Metals		
Heavy Metals	NMT10ppm	CP2020
Lead(Pb)	NMT3ppm	CP2020
Arsenic (As)	NMT2ppm	CP2020
Mercury(Hg)	NMT0.1ppm	CP2020
Cadmium(Cd)	NMT1ppm	CP2020
Microbiology Control		
Total Plate Count	NMT3,000cfu/g	CP2020
Total Yeast & Mold	NMT300cfu/g	CP2020
E.coli	Negative	CP2020
Salmonella	Negative	CP2020
Staphylococcus	Negative	CP2020
Packaging&Storage	Packed in paper-drums and two plastic-bags inside,25kg/Drum. Keep in cool & dry place. Stay away from strong light and heat.	
Shelf Life	Two years if sealed and stored away from strong sun light and heat.	