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SPECIFICATION SHEET

Product Name	Zeaxanthin 10%
Botanical Name	<i>Tagetes erecta L.</i>
Parts Used	Flower
Statements	Non-irradiated, Non-GMO

TESTS	SPECIFICATION	TEST PROTOCOL
ASSAY		
Assay (HPLC)	Zeaxanthin $\geq 10\%$	USP34<m46112>
PHYSICAL CONTROL		
Appearance	Orange-Red Fine Powder	Visual
Odor	Characteristic	Organoleptic
Loss on Drying	$\leq 5\%$	USP34<467>
Sieve Analysis	100% pass through 80 mesh	USP34<467>
CHEMICAL CONTROL		
Heavy metals	$\leq 10\text{ppm}$	USP34<231>
Lead (Pb)	$\leq 2\text{ppm}$	USP34<251>
Arsenic (As)	$\leq 2\text{ppm}$	USP34<211>
Cadmium (Cd)	$\leq 2\text{ppm}$	USP34<211>
Mercury (Hg)	$\leq 0.1\text{ppm}$	USP34<211>
RESIDUAL SOLVENT		
Residual Solvents	$\leq 500\text{ppm}$ (only Ethanol)	USP34<467>
MICROBIOLOGICAL CONTROL		
Total plate Count	$\leq 1000\text{cfu/g}$	USP34<467>
Total Yeast & Mold	$\leq 100\text{cfu/g}$	USP34<467>
Salmonella	Negative	USP34<467>
E.Coli	Negative	USP34<467>
STORAGE		
Store in Vacuum Aluminum foil bag and keep in a cool dry place and away from strong direct light.		

Note: The above information is based on the specification sheet received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by : _____


Abdullah Malik (QA)