Trafa Pharmaceutical Inc.
140 Padgette Street, Unit D
Chicopee, MA 01022, USA
Tel: 1-866-99-Trafa (87232) FAX: 1-800-627-1880
Sales@TrafaPharma.com www.TrafaPharma.com

SPECIFICATION SHEET

Product Name	Melatonin (N-Acetyl-5-Methoxytryptamine)		
CAS No.	73-31-4	**Formula**	$C_{13}H_{16}N_2O_2$

ANALYSIS	SPECIFICATION	TEST METHODS
Assay	≥99.0%	HPLC
Impurities	≤1.0%	HPLC
Appearance	Crystalline Powder	Visual
Color	Off White to White Powder	Visual
Odor	Characteristic	Organoleptic
Taste	Characteristic	Organoleptic
Mesh Size/Sieve Analysis	NLT100%Through 80 mesh	80 Mesh Screen
Bulk Density	35-60g/100ml	/
Loss on drying	NMT0.5%	USP
Sulphated Ash	NMT0.2%	USP
Heavy Metals	NMT10ppm	Colorimetry
Microbiology Control		
Total Plate Count	NMT1, 000cfu/g	AOAC
Total Yeast & Mold	NMT100cfu/g	AOAC
E.Coli.	Negative	AOAC
Salmonella	Negative	AOAC
Staphylococcus	Negative	AOAC

Packing & Storage	Packed in paper-drums and two plastic-bags inside.N.W.:25kgs Store in a well-closed container Away from moisture.
Shelf Life	Three years if sealed and store away from direct sun light.

Note: The above information is based on the certificate of analysis 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)