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Specification Sheet

PRODUCT NAME: Riboflavin USP
ORIGIN: China

Tests	Specification	Test Method
Assay on dried bases	98.0%-102.0%	USP
Appearance	Yellow to orange free flowing crystalline Powder	USP
Identification	A solution of 1 mg in 100 ml of water is pale greenish yellow by transmitted light, and has an intense yellowish- green fluorescence that disappears upon the addition of mineral acids or alkalies	USP
Specific rotation	-115-135	USP
Loss on Drying	1.50% max	USP
Residue on Ignition	0.30% max	USP
Limit of Lumiflavin	440nm absorbance <0.025	USP
Mesh	80 Mesh	Mesh Screen
Heavy Metals	10 ppm max	USP
Lead	1 ppm max	USP
Arsenic	1 ppm max	USP
Cadmium	1 ppm max	USP
Mercury	1 ppm max	USP
Microbiological:		
Total viable aerobic count	<1000 cfu /gm	AOAC
Yeast/Mold	<100 cfu /gm	AOAC
Pseudomonas	Negative	AOAC
E. Coli	Negative	AOAC
Staphylococcus	Negative	AOAC

Conclusion: Conforms to USP 32 **Storage:** Tightly sealed in clean, cool, dry location

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)