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Typical Product Specifications & Properties

Riboflavin USP

CAS Number: : 83-88-5

Specifications	Limits
Slightly Soluble	in water, alcohol
Appearance	Bright Orange / Yellow Powder.
Molecular weight	376.37
Reference Standard	USP Riboflavin Reference Standard.
Specific Rotation	<781> Betwwen + 56.5? and 59.5?.
Loss on Drying	1.5% Max
Residue on Ignition	0.3%
Solubility	One gram dissolves in 3,000 to 15,000 ml of water.
Assay	98.0% Min, 102% Max
Insolubility	in ether, chloroform
Melting Point	282 c (dec.)
Odor	orange to yel. cryst., sl. odor, bitter taste



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