

Riboflavin 5 Phosphate Sodium USP Powder

Product Characteristics

Appearance	Yellow to orange-yellow crystalline powder
Country of origin	China

Profile

Specification

Identification	Complies to USP
pH	5.0 – 6.5
Specific rotation	+37° to +42°
Lumiflavin	≤ 0.025
Related substances	
Free riboflavin	≤ 6.0%
Riboflavin diphosphates	≤ 6.0%
Inorganic phosphate	Meets requirement
Loss on drying	≤ 7.5%
Residue on ignition	≤ 25.0%
Heavy metals	≤ 10 mg/kg
Residual solvents	Meets USP
Assay (on dried basis)	73.0% - 79.0%

Storage

Store in tight containers, protected from light, moisture and heat.

Revision: 1/24/17