

Riboflavin (Vitamin B2) USP Powder

Product Characteristics

Appearance	Orange-yellow crystalline powder
Country of origin	China
Manufacturer	Hubei Guangji Pharmaceutical Co, Ltd

Profile

Specification

Identification	Complies to USP
Particle analysis	100% through 100 mesh
Specific rotation	-115° and -135°
Loss on drying	≤ 1.5%
Residue on ignition	≤ 0.3%
Lumiflavin	≤ 0.025 at 440 nm
Heavy metals	≤ 10 ppm
Arsenic	≤ 1.0 ppm
Cadmium	≤ 1.0 ppm
Lead	≤ 0.5 ppm
Mercury	≤ 0.1 ppm
Residual solvents	To comply with USP <467>
Assay (on dried basis)	98.0 – 102.0%
Total plate count	≤ 1000 cfu/g
Yeast and mold	≤ 100 cfu/g
Coliforms	≤ 10 cfu/g
E. Coli	Negative
Salmonella	Negative (25g)
Pseudomonas	Negative
S. aureus	Negative

Storage

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

Revision: 12/16/25