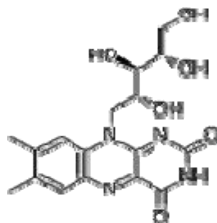


Technical Data Sheet

Product Name: Vitamin B2(Riboflavin)

Molecular formula: C₁₇H₂₀N₄O₆

Molecular weight : 376.36



Chemical Structure:

CAS No. : 83-88-5

Test items	USP2021	Test method
Description	Yellow or orange yellow crystalline powder	Visual
Identification	Intense yellowish- green fluorescence that dis- appears upon the addition of mineral acids or alkalis.	USP<197>
Lumiflavin	≤ 0.025	USP<857>
Specific rotation	-115°~ -135°	USP <781S>
Assay	98.0~ 102.0%	USP<853>
Loss on drying	≤ 1.5%	USP <731>
Residue on ignition	≤0.3%	USP<281>
Lead	≤ 1ppm	USP<251>
Mercury	≤0.1ppm	USP<261>
Cadmium	≤1ppm	USP<851> AAS
Arsenic	≤1ppm	USP<211>
Heavy metals(Pb)	≤ 10ppm	USP <231>
Bulk density	≥ 0.30g/ml	USP <616>
Particle Size	95% passes through 80 mesh	USP<786>
Aerobic Plate Count	≤ 1000CFU/g	USP <2021>
Yeast& moulds	≤ 100 CFU/g	USP <2021>
E. coli	Negative/50g	USP< 2022>

Packing:25kg/ drum

Transport regulations: Keep dry.Non dangerous cargo

Storage and handling: Tightly sealed,keep dry place
shelf life :3years

XINTAI JIAHE BIOTECH CO., LTD
新泰市佳禾生物科技有限公司