



青 岛 润 昌 化 工 有 限 公 司
QINGDAO SAMIN CHEMICAL CO.,LTD.

SPECIFICATION

Product Name	Vitamin B2(Riboflavin)
CAS No	83-88-5
Molecular Formular	C₁₇H₂₀N₄O₆
Specification Version	USP37
Shelf Life	36 Months
Package	25kg/Drum

ITEM

Appearance
Identification
Acidity or Alkalinity

Lumiflavin
Absorbance

Particl size
Specific Rotation
Loss on drying
Heavy Metals
Residue on Ignition
Residual Solvents
Assay(indried basis)

SPECIFICATION

Orange yellow crystalline powder
Positive
Check the color of the test solution
after adding the respective solutions
Absorbance of the filtrate at 440nm 0.025 max
0.31~0.33 A375nm/A267nm
0.36~0.39 A444nm/A267nm
100% passes through 80 mesh
-115 ~ -135°
≤ 1.5%
≤ 10ppm
≤ 0.3%
Method IV <467>
98.0%~102.0%

Storage: Store in cool and dry place, in a well-close container, keep away from strong light and heat.

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