

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Specification Sheet

Product Name: **Riboflavine**
Specifications & Purity: **98%**
SKU #: **R104137**

Parameter	Limit Values
Ratio of Absorbances(A444/A267)	0.36-0.39
Specific Rotation $[\alpha]_{20}^D(c=0.5 \text{ in } 0.05 \text{ M NaOH})$	-142--115 (°)
Nitrogen by Elemental Analysis	14.6-15.2 (%)
Sulfate Ash	0-0.1 (%)
Purity(HPLC)	98-100 (%)
Loss on drying	0-1.5 (%)
Ratio of Absorbances(A373/A267)	0.31-0.33
Carbon by Elemental Analysis	53.2-55.3 (%)
Appearance (R104137)	White to Yellow to Orange or Orange-Yellow Powder to Crystal
Infrared spectrum	Conforms to Structure
lumiflavine	pass
Solubility in 0.1M NaOH	Yellow to Orange,Clear,10 mg/ml

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