

Certificate of Analysis

Date of Testing: 2023-03-18 17:25:10
Date of Next Testing: 2026-03-17 17:25:10
Product Name: **(-)-Riboflavin**
CAS Number: 83-88-5
Specifications & Purity: BioReagent, suitable for cell culture, suitable for insect cell culture, ≥98%
Lot #: C2314555
SKU #: **R434262**
Analysis: 201180
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.21%
Specific Rotation [α] ₂₀ /D(c=0.5 in 0.05 M NaOH)	-135~-115 (°)	-121.19°
Appearance(R434262)	Yellow to Orange Powder	Yellow to Orange Powder
Solubility(10 mg/ml, 0.1M NaOH)Clear	Yellow to Orange	pass
LC-MS for identification	Conforms	Pass
Cell Culture Test	Conforms	Pass
Insect Cell Test	pass	Pass
Infrared spectrum	Pass	Conforms to Structure
	conforms to structure	Conforms to Structure



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