

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-03-21 10:21:37

Date of Next Testing: 2029-03-20 10:21:37

Product Name: (-)-Riboflavin

CAS Number: 83-88-5

Specifications & Purity: BioReagent, for cell culture, for insect cell culture

Lot #: C2616002

SKU #: V34236

Version: 0

Analysis #: 680580

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.06 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in } 0.05 \text{ M NaOH})$	-135--115 (°)	-116.50 °
Solubility(10 mg/ml, 0.1M NaOH)Clear Yellow to Orange	pass	Pass
LC-MS for identification	Conforms	Conforms
Cell Culture Test	pass	Pass
Insect Cell Test	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(V34236)	Yellow to Orange Powder	Yellow to Orange Powder

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

