



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	BIO-420
Lot Number	002036-12043214
Product	(-)-Riboflavin
	Vitamin B ₂
	Lactoflavin
CAS Number	83-88-5
Molecular Formula	C ₁₇ H ₂₀ N ₄ O ₆
Molecular Weight	376.4
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Appearance	Orange crystalline powder
Heavy Metals	Lead (Pb): 0.43 mg/kg Cadmium (Cd): Not detected Arsenic (As): Not detected Mercury (Hg): Not detected
Trace Metal Analysis	Lead (Pb): 0.43 mg/kg
Yeast and Mold	< 10 cfu/g
Residual Solvents	Methanol: 0.03% Ethanol: < 0.01%
E. Coli, Salmonella, S.Aureus	Negative
Related Substances	Any impurities: < 0.05% Total impurities: < 0.05% Chromatographic impurity: 0.03%
Assay	99.4%
Grade	USP/BP/EP/FCC
Storage	Store at RT
Additional Information	Limit of Nitrate: No brown ring is produced at the junction of the two layers. Color of solution: No more color produced. Total Plate Count: < 100 cfu/q