

Certificate of Analysis

Date of Testing: 2023-04-09 22:40:26
Date of Next Testing: 2025-04-08 22:40:26
Product Name: **Roxithromycin**
CAS Number: 80214-83-1
Specifications & Purity: $\geq 98\%$
Lot #: D2306094
SKU #: **R129251**
Analysis: **041258**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Oxygen by Elemental Analysis	27.9-29.2 (%)	28.55 %
Water by Karl Fischer	0-3 (%)	3.00 %
Purity(HPLC)	98-100 (%)	99.74200 %
Carbon by Elemental Analysis	57.7-59.3 (%)	59.18 %
Specific Rotation $[\alpha]_{20/D}(c=10\text{mg/ml in Acetone})$	-96--93 (°)	-95.89°
Appearance (R129251)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Colorless Clear,10 mg/ml	pass	Pass



John Su
QA & QC Manager