

## Certificate of Analysis

Date of Testing: 2022-02-15 15:28:16  
Date of Next Testing: 2024-02-15 15:28:16  
Product Name: **Roxithromycin**  
CAS Number: 80214-83-1  
Specifications & Purity:  $\geq 98\%$   
Lot #: F1822060  
SKU #: **R129251**  
**Analysis:** **073534**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.7-59.3 (%)	57.82 %
Specific Rotation $[\alpha]_{20/D}(c=10\text{mg/ml in Acetone})$	-96--93 (°)	-95.34°
Oxygen by Elemental Analysis	27.9-29.2 (%)	28.34 %
Water by Karl Fischer	0-3 (%)	2.12 %
Purity(HPLC)	98-100 (%)	99.20000 %
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