

Certificate of Analysis

Date of Testing: 2023-07-22 16:24:23

Date of Next Testing: 2025-07-21 16:24:23

Product Name: **Roxithromycin**

CAS Number: 80214-83-1

Specifications & Purity: $\geq 98\%$

Lot #: G2314176

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