

## Certificate of Analysis

Date of Testing: 2025-07-15 10:35:59

Date of Next Testing: 2027-07-15 10:35:59

Product Name: **Roxithromycin**

CAS Number: 80214-83-1

Specifications & Purity: Moligand™, ≥98%

Lot #: G2508108

SKU #: **R129251**

Version: **0**

Analysis #: **544132**

Storage Temperature: Store at 2-8°C

| Parameter                                                    | Limit Values              | Result                    |
|--------------------------------------------------------------|---------------------------|---------------------------|
| Carbon by Elemental Analysis                                 | 57.7-59.3 (%)             | 59.10 %                   |
| Specific Rotation [α] <sub>20</sub> /D(c=10mg/ml in Acetone) | -96--93 (°)               | -95.80 °                  |
| Oxygen by Elemental Analysis                                 | 27.9-29.2 (%)             | 28.50 %                   |
| Water by Karl Fischer                                        | 0-3 (%)                   | 2.90 %                    |
| Purity(HPLC)                                                 | 98-100 (%)                | 99.40000 %                |
| 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