

## Certificate of Analysis

Date of Testing: 2025-07-12 08:35:21

Date of Next Testing: 2027-07-12 08:35:21

Product Name: **Tadalafil**

CAS Number: 171596-29-5

Specifications & Purity: Moligand™, ≥99%

Lot #: G2510616

SKU #: **T125358**

Version: **1**

Analysis #: **381609**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                                        | Limit Values          | Result                |
|--------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                     | 98-100 (%)            | 99.78400 %            |
| Carbon by Elemental Analysis                     | 66.7-68.3 (%)         | 67.73 %               |
| Nitrogen by Elemental Analysis                   | 10.5-11 (%)           | 10.80 %               |
| Specific rotation $[\alpha]_{20/D}(C=1, CHCl_3)$ | 70-76 (°)             | 71.84 °               |
| Oxygen by Elemental Analysis                     | 16.1-16.6 (%)         | 16.30 %               |
| Appearance (T125358)                             | White to Grey solid   | White to Grey solid   |
| NMR spectrum                                     | Conforms to Structure | Conforms to Structure |



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