

Certificate of Analysis

Date of Testing: 2024-07-01 09:38:33
Date of Next Testing: 2026-07-01 09:38:33
Product Name: **Tadalafil**
CAS Number: 171596-29-5
Specifications & Purity: $\geq 99\%$
Lot #: F2427055
SKU #: **T125358**
Version: **1**
Analysis #: **378937**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.85100%
Carbon by Elemental Analysis	66.7-68.3 (%)	67.90%
Oxygen by Elemental Analysis	16.1-16.6 (%)	16.13%
Nitrogen by Elemental Analysis	10.5-11 (%)	10.63%
Specific rotation $[\alpha]_{20/D}(C=1, CHCl_3)$	70-76 (°)	72.50°
Appearance (T125358)	White to Grey solid	White to Grey solid
NMR spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager