

## Certificate of Analysis

Date of Testing: 2024-08-07 11:54:20  
Date of Next Testing: 2026-08-07 11:54:20  
Product Name: **Tadalafil**  
CAS Number: 171596-29-5  
Specifications & Purity:  $\geq 99\%$   
Lot #: D1521032  
SKU #: **T125358**  
Version: **1**  
Analysis #: **396263**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.15600 %
Carbon by Elemental Analysis	66.7-68.3 (%)	67.48 %
Oxygen by Elemental Analysis	16.1-16.6 (%)	16.38 %
Nitrogen by Elemental Analysis	10.5-11 (%)	10.67 %
Specific rotation $[\alpha]_{20}^D(\text{C}=1, \text{CHCl}_3)$	70-76 ( $^{\circ}$ )	70.05 $^{\circ}$
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