



Cambridge Isotope Laboratories, Inc.

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CERTIFICATE OF ANALYSIS

Product Name: 19-NORTESTOSTERONE
(Isotopic Label & Enrichment Specification) (16,16,17-D3, 98%)

Lot Number: P-7922

Catalog Number: DLM-3979-0

Product Information

Chemical Purity Specification: $\geq 98\%$
Labeled CAS Number: NA
Unlabeled CAS Number: 434-22-0
MW*: 277.42
Chemical Formula: C₁₈H₂₃D₃O₂
Storage: Store at room temperature away from light and moisture.
Stability: Stable if stored under recommended conditions.

Certification

Cambridge Isotope Laboratories, Inc. guarantees that this material meets or exceeds the specifications stated. Absolute identity as well as chemical and isotopic purities are assured by the use of unambiguous synthetic routes and multiple chemical analyses whenever possible. Results are representative of QC testing at time of release from Quality Control unless otherwise stated.

* For isotopically labeled compounds, MW listed is for the fully enriched product.

Approved by: *Jeffrey O'Neill*

Jeffrey O'Neill, Quality Review

Quality Control Tests and Results

1H NMR for Chemical Purity	Pass
GC/MS for Chemical Purity	99.5%
GC/MS for Isotopic Enrichment	99.3%