

# Certificate of Analysis

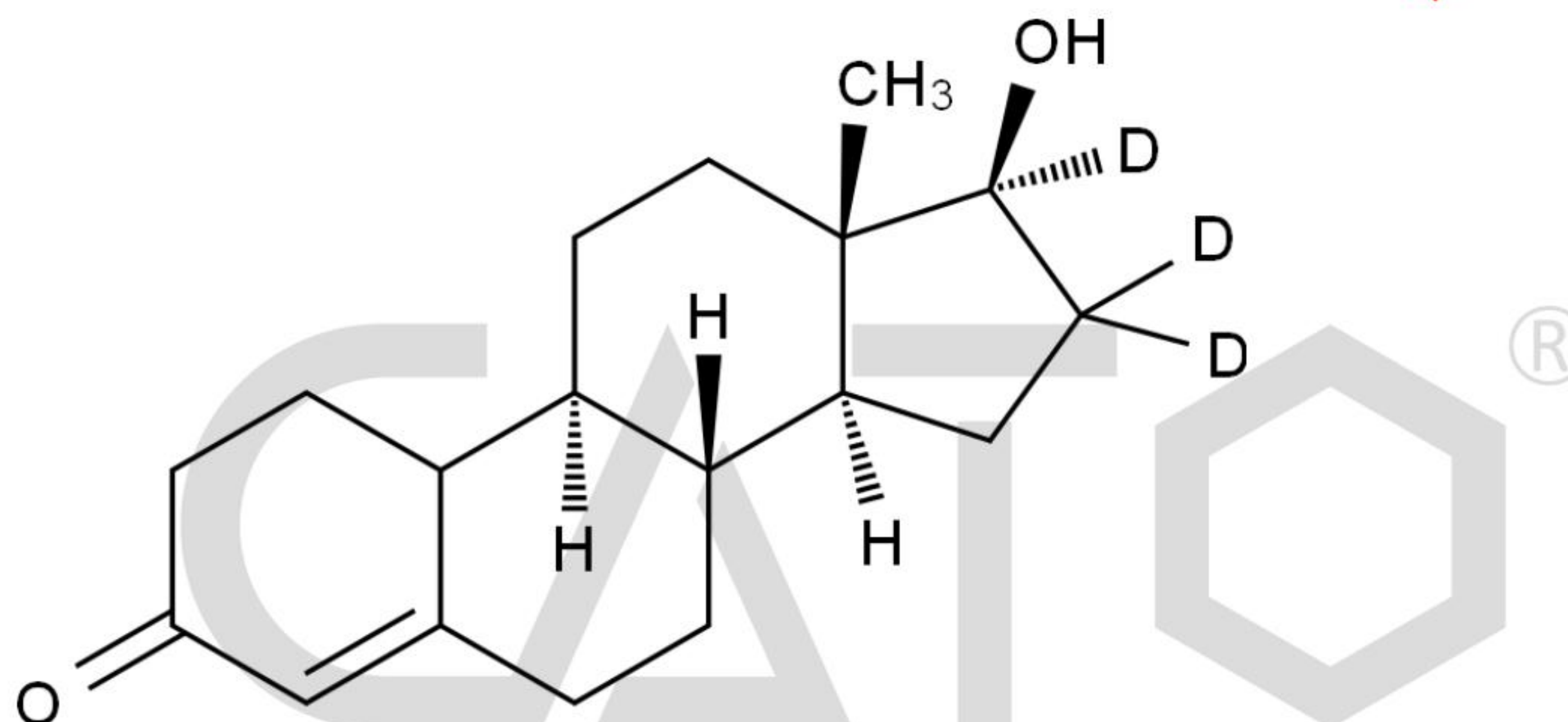
## Reference Material & Standard

|                    |                                                               |                     |                                           |
|--------------------|---------------------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Nortestosterone-D3                                            | Catalogue Number:   | CCAD302543                                |
| Synonyms:          | N/A                                                           | Lot Number:         | 0430-RC-0012                              |
| CAS Number:        | 120813-22-1                                                   | Expiry Date:        | Mar 21, 2023                              |
| Molecular Formula: | C <sub>18</sub> H <sub>23</sub> D <sub>3</sub> O <sub>2</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 277.42                                                        | Shipping Condition: | Shipping with Ice Packs                   |

Warning:



Chemical Structure:



| Test Items        | Method            | Results                        |
|-------------------|-------------------|--------------------------------|
| Appearance        | Visual inspection | Light Yellow Crystalline Solid |
| Identification    | LCMS&HNMR         | Confirmed                      |
| Chemical Purity   | HPLC              | 99.3%                          |
| Isotopic Purity   |                   | 98.0%                          |
| Residual Solvents | NMR               | 0.4% ethyl acetate             |
| Uncertainty       |                   | ±2.0%                          |

## Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

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Reviewed by:

*Debia*

Approved by General Manager:

*David*

Date: May 07, 2021

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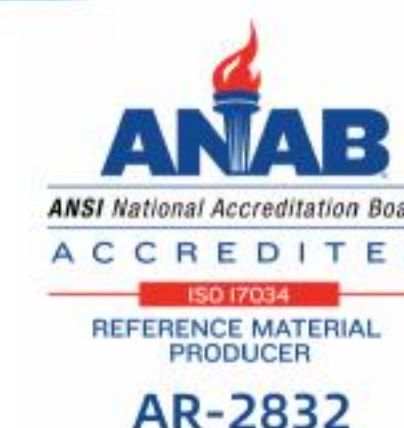
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