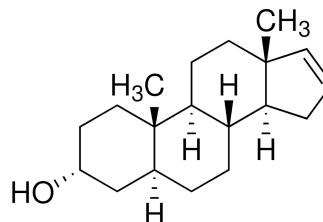


# Certificate of Analysis

**Product Name :** 5 $\alpha$ -Androst-16-en-3 $\alpha$ -ol  
**Product Number :** A7883-BULK  
**Batch Number :** 0000084397  
**CAS Number :** 1153-51-1  
**Molecular Formula :** C<sub>19</sub>H<sub>30</sub>O  
**Formula Weight :** 274.44  
**Recommended Retest Date :** Jun 2023  
**Quality Release Date :** 08 Jun 2020



Test	Specification	Result
Appearance (Form)	Powder	Powder
Appearance (Color)	White to White w/ Yellow Cast	White
Solubility (Solvent)	Ethanol	Ethanol
Solubility (Conc)	19.60 - 20.40 mg/ml	20.00 mg/ml
Solubility (Turbidity)	Clear	Clear
Solubility (Color)	Colorless	Colorless
Water (by Karl Fischer)	≥ 0.00 %	0.63 %
Elemental Anal. (%C Anhydrous)	82.65 - 83.65 %	82.74 %
Purity (TLC)	≥ 98.00 %	99.00 %
NMR (Solvent)	CDCl <sub>3</sub>	CDCl <sub>3</sub>
Identity by NMR	Consistent	Consistent with Structure
Specific Rotation (Solvent)	Ethanol	Ethanol
Specific Rotation (Conc)	9.00 - 11.00 mg/ml	10.00 mg/ml
Specific Rotation (Alpha D)	17.00 - 20.00 deg	17.50 deg

Anna Bendersky, Quality Control Manager

Quality Control

Israel

IL

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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**Product** A7883-BULK  
**Batch** 0000084397

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