

## Certificate of Analysis

Date of Testing: 2022-05-10 09:19:54  
Date of Next Testing: 2026-05-09 09:19:54  
Product Name: **trans-Dehydroandrosterone**  
CAS Number: 53-43-0  
Specifications & Purity: 99%  
Lot #: E2207029  
SKU #: **D106380**  
Analysis: **073070**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}^D(c=2 \text{ in EtOH } 96\%)$	11-13 ( $^{\circ}$ )	12.81 $^{\circ}$
Loss on drying	0-0.5 (%)	0.48 %
Purity(HPLC)	99-100 (%)	99.01000 %
Melting point	146-151 ( $^{\circ}\text{C}$ )	150.98000 $^{\circ}\text{C}$
Appearance (D106380)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager