

Certificate of Analysis

Date of Testing: 2023-01-04 10:16:19
Date of Next Testing: 2027-01-03 10:16:19
Product Name: **trans-Dehydroandrosterone**
CAS Number: 53-43-0
Specifications & Purity: 99%
Lot #: L2216807
SKU #: **D106380**
Analysis: **073070**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}^D(c=2 \text{ in EtOH } 11-13 \text{ (}^\circ\text{) } 96\%)$		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