

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2024-12-10 16:27:56  
Date of Next Testing: 2028-12-09 16:27:56  
Product Name: **trans-Dehydroandrosterone (DHEA)**  
CAS Number: 53-43-0  
Specifications & Purity: Moligand™, ≥99%  
Lot #: L2410028  
SKU #: **D106380**  
Version: **0**  
Analysis #: **433564**

| Parameter                                               | Limit Values                                  | Result                                        |
|---------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(HPLC)                                            | 99-100 (%)                                    | 99.55700 %                                    |
| Specific Rotation [α] <sub>20</sub> /D(c=2 in EtOH 96%) | 11-13 (°)                                     | 11.97100 °                                    |
| Loss on drying                                          | 0-0.5 (%)                                     | 0.00000 %                                     |
| Melting point                                           | 146-151 (°C)                                  | 150.97000 °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                         |

