

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-12 09:49:30  
Date of Next Testing: 2026-07-12 09:49:30  
Product Name: **Mestranol**  
CAS Number: 72-33-3  
Specifications & Purity:  $\geq 99\%$   
Lot #: I2220538  
SKU #: **M129878**  
Version: **0**  
Analysis #: **385930**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in Dioxane})$	2-6 (°)	2.90 °
Melting point	149-153 (°C)	152.20000 °C
Purity(HPLC)	98-100 (%)	99.86500 %
Appearance (M129878)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear (50 mg/ml, CHCl <sub>3</sub> )	pass	Pass



John Su  
QA & QC Manager