

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 #: I2220504
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 ($^{\circ}$)	2.90 $^{\circ}$
Melting point	149-153 ($^{\circ}\text{C}$)	152.20000 $^{\circ}\text{C}$
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 ₃)	pass	Pass



John Su
QA & QC Manager