

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-23 15:00:47

Date of Next Testing: 2027-07-23 15:00:47

Product Name: **Quinestrol**

CAS Number: 152-43-2

Specifications & Purity: Moligand™

Lot #: G2416358

SKU #: **Q336207**Version: **1**Analysis #: **366176**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.31500 %
Melting point	108-112 (°C)	109.88000 °C
Specific Rotation [α] _{20/D} (c=0.5 in Dioxane)	3-6 (°)	5.97000 °
Appearance (Q336207)	White to Almost white powder to crystal	White to Almost white powder to crystal
Proton NMR spectrum	Conforms to structure	Conforms to Structure

John Su
QA & QC Manager