

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-08 17:17:23
Date of Next Testing: 2026-06-07 17:17:23
Product Name: **Betamethasone 17,21-Dipropionate**
CAS Number: 5593-20-4
Specifications & Purity: $\geq 97.0\%$
Lot #: H1408110
SKU #: **B123297**
Analysis: **096338**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in Dioxane})$	66-72 ($^{\circ}$)	67.20 $^{\circ}$
Purity(HPLC)	97-100 (%)	98.14130 %
Melting point	175-179 ($^{\circ}\text{C}$)	178.02000 $^{\circ}\text{C}$
Appearance (B123297)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCl_3 , Colorless to light yellow, Slightly hazy,50mg/mL	pass	Pass



John Su
QA & QC Manager