

Certificate of Analysis

Date of Testing: 2024-07-05 14:34:04

Date of Next Testing: 2028-07-04 14:34:04

Product Name: **Prednisolone Acetate**

CAS Number: 52-21-1

Specifications & Purity: $\geq 97\%$

Lot #: F2427334

SKU #: **P131646**

Version: **0**

Analysis #: **365610**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC,Dried Substance)	97-100 (%)	99.67 %
Loss on drying	0-1 (%)	0.68 %
Specific Rotation $[\alpha]_{20/D}(c=10\text{mg/ml in 1 in 4-Dioxane})$	112-119 (°)	118.96 °
Appearance (P131646)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ /MeOH (1/1) , Colorless Clear(50 mg/ml)	pass	Pass



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QA & QC Manager