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Specification

Technical Data Sheet

Product Name	Prednisone
Product No	27214047
CAS Number	53-03-2
Storage Temperature	Ambient
Molecular Weight	358.43
	Specification
Assay/Purity	98.3%
Melting Point	228 degC
Physical Appearance	White to off-white crystalline powder
Grade	EP 7.0
Water	≤ 1.0%
Specific rotation	+171.2(
Identification	positive IR conforms to spectra 284
Chemical Formula	C ₂₁ H ₂₆ O ₅
Loss on Drying	1.00% max
Storage Temperature	+20 ° C
Molecular Weight	358.43
Assay	97%min
UV Absorbance	426
Related Substances	0.76%
Residue on Ignition	negligible, from 100 mg
Particle Size	30micron max
Specific optical rotation	235-242deg C.
Appearance	White or almost white crystalline powder
Standards	BP93/USP24