

# Chem-Impex International, Inc.

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825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	38150
<b>Product</b>	<b>Prednisolone</b>
<b>Lot Number</b>	003351-021-221201
	11 $\beta$ ,17 $\alpha$ ,21-Trihydroxypregna-1,4-diene-3,20-dione
<b>CAS Number</b>	50-24-8
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>28</sub> O <sub>5</sub>
<b>Molecular Weight</b>	360.45

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<b>Appearance</b>	Almost white crystalline powder
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = 98.2 °
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	0.1%
<b>Related Substances</b>	Any individual impurity : 0.71% Other impurities : < 0.5 % Total impurities : 0.78%
<b>Assay</b>	100.5% (On dried basis)
<b>Storage</b>	Store at 2 - 8 °C
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**