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PVT. LTD.**

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## Certificate of Analysis

<b>Product</b>	<b>13542 - Hydrocortisone pure, 97% - [50-23-7]</b>
<b>Batch No</b>	<b>9901025</b>
<b>Analysis Date</b>	28-Jan-2024
<b>Date of Manufacture</b>	January 2024
<b>Expiry Date/Re-Test Date</b>	January 2029
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>30</sub> O <sub>5</sub>
<b>Molecular Weight</b>	362.47

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 5% solution in Methanol	Clear	Clear
Solubility (Colour) 5% solution in methanol	Colourless	Colourless
Assay (UV)	min. 97%	97.6%
Melting Point	214 - 216°C	214.7°C
Loss on drying	max. 0.5 %	0.3%
Sulphated Ash	max. 0.1 %	0.04%
Absorbance (A) of 1% solution in Ethanol in a 1cm cell		
@240nm	420 - 450	439.4

FRM/82/11/4/13542 Rev No. 2 Date 21/08/2021

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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