



SWAPNROOP DRUGS & PHARMACEUTICALS

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CERTIFICATE OF ANALYSIS

Product Name	Betamethasone Valerate IP	CAS No:	2152-44-5
Batch No.	2605001	Manufactured by	-
Date of Mfg.	MAY-2026	Date of Analysis	20/05/2026
Batch Quantity	-	Retest Date	APR2031

Sr No	Test	Acceptance Criteria	Results
1	Description	A white to creamy-white powder, odorless.	Complies
2	Solubility	Freely soluble in chloroform; soluble in Ethanol (95 per cent); practically insoluble in water and in light petroleum.	Complies
3	Identification by -IR	The IR spectrum is concordant with the reference spectrum of Betamethasone Valerate working standard.	Complies
4	Identification by - TLC	The principal spot in the chromatogram obtained with the test solution should correspond to the principal spot in the chromatogram obtained with reference solution (a). The principal spot in the chromatogram obtained with the reference solution (b) should be appeared as single compact spot	Complies
5	Identification by- (Retention time)	The retention time of the principal peak in the chromatogram obtained with the test solution corresponds to the principal peak obtained with the reference solution in Assay	Complies
6	Identification by - (Sulphuric acid)	The odor of Ethyl Valerate is perceptible.	Complies
7	Specific Optical Rotation (On dried basis)	Specific Optical Rotation (On dried basis)	+78.57°
8	Light Absorption	0.63 to 0.67 Absorbance	0.663
9	Loss on Drying	NMT 0.50% w/w.	0.35%
10	Sulphated Ash	NMT 0.1% w/w.	0.05%
11	Related Substances by HPLC Single impurity	: NMT 1.0%.	0.46%
12	Related Substances by HPLC Total impurity	NMT 2.0%.	0.90%
13	Assay By HPLC (On dried Basis)	96.0% w/w to 102.0% w/w.	98.46%

Storage: Store in air tight container below room Temperature

Conclusion: Product Complies as per above Specifications

Prepared By	Checked by	Approved By
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Sonali Nirmal
Date: 23/05/2026



Dadarao Kakde
Date: 23/05/2026



Nayna Nehete
Date: 23/05/2026

