

## Savan Group

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### TYPICAL ANALYSIS / SPECIFICATION

PRODUCT : BETAMTHASONE DIPROPIONATE  
SHELF LIFE : THREE YEARS SUBJECT TO CORRECT STORAGE

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Test	Result	Specification
Description	White crystalline powder	White or almost crystalline powder
Solubility	Complies	Practically insoluble in water, freely soluble in acetone and in methylene chloride, sparingly soluble in alcohol.
Identification	Complies	To comply
Related substances	Complies	To comply
1) Betamethasone	0.32%	
2) Other impurities	0.70%	
Specific optical rotation	+67.20 <sup>0</sup>	+63 <sup>0</sup> to +70 <sup>0</sup>
Residue on ignition	0.09%	NMT 0.2%
Chromatographic purity		
(i) single impurities	0.36%	NMT 1.0%
(ii) total impurities	0.98%	NMT 2.0%
Loss on drying	0.32%	NMT 1.0%
Assay (ODB)	98.96%	NLT 97.0% & NMT 103.0%

**Opinion: Material is of standard quality as per BP/USP**

Residual solvents:	RESULTS	LIMITS
Acetone	490ppm	NMT 1000 ppm
Dichloromethane	310 ppm	NMT 400 ppm