

## Savan Group

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### TYPICAL ANALYSIS / SPECIFICATION

PRODUCT : CLOBETASOL PROPIONATE  
SHELF LIFE : FOUR YEARS SUBJECT TO CORRECT STORAGE

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TEST	RESULT	SPECIFICATONS
Description	White crystalline powder	White or almost white crystalline powder
Solubility	Complies	To comply
Identification	Complies	To comply
Melting point	196 <sup>0</sup> C	About 196 <sup>0</sup> C
Specific optical rotation	+98.90 <sup>0</sup>	+98.0 <sup>0</sup> to +104.0 <sup>0</sup>
Related substances	Complies	To comply
1. Clobetasol	0.31%	
2. Clobetasol 17 propionate	0.25%	
3. Other total impurities	0.58%	
4. Sum of total impurities	1.14%	
Organic volatile impurities	Complies	To comply
Heavy metals	LT 20 µg/g	NMT 20 µg/g
Chromatographic purity	0.97%	NMT 2.5%
Loss on drying	0.25%	NMT 0.50%
Residue on ignition	0.08%	NMT 0.10%
Sulphated ash	0.07%	NMT 0.10%
Assay (by HPLC)	98.86%	97.0% to 102.0% (ODB)
<b>Residual impurities:</b>	<b>Test</b>	<b>Limit</b>
Methanol	460 ppm	NMT 1000 ppm
Dichloromethane	190 ppm	NMT 1000 ppm

**Conclusion: Material conforms to the requirements of BP/USP**