

## Savan Group

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### TYPICAL ANALYSIS / SPECIFICATION

PRODUCT : PROCHLOROPERAZINE MALEATE  
SHELF LIFE : FIVE YEARS SUBJECT TO CORRECT STORAGE

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Test	Observation	Specification
Characteristics	A pale yellow crystalline powder	A white or pale yellow crystalline powder
Solubility	Complies	Very slightly soluble in water and in alcohol
Identification		
A. UV test	Complies	Examine between 230nm to 280nm. The solution shows an absorption maximum at 255nm.
		The specific absorbance at the maximum is 525 to 575
B. IR	Complies	Confirm with standard
C. TLC	Complies	Identification of phenothiazine
D. Colour test	Complies	A blue colour develops with resorcinol
pH	3.15	3.0 to 4.0
Related substances	Complies	Individual impurity NMT 0.5%
Loss on drying	0.35% w/w	NMT 1.0% at 100-105°C
Sulphated ash	0.065% w/w	NMT 0.1% w/w
Assay	99.41% w/w	NLT 98.0% and NMT 101.0% with reference to the dried substance

**Conclusion: The product complies with EP-5 specification**