

## Savan Group

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### TYPICAL ANALYSIS / SPECIFICATION

PRODUCT : TRIMETHOPRIM  
SHELF LIFE : FIVE YEARS SUBJECT TO CORRECT STORAGE

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Test	Result
Appearance	White powder
Solubility	Very slightly soluble in water Slightly soluble in alcohol
Melting point	201.5 – 202.0°C
Specific absorbance	245
IR-spectrum	Conforms
Chemical reaction	Green fluorescence at 365NM
Appearance of solution	Less intensely coloured than reference solution BY7
HPLC method A	
Impurity F	0.069%
Any impurity single	<0.1%
Total impurities	<0.2%
HPLC method B	
Impurity L	Below detection limit
Any impurity single	<0.1%
Total impurities	<0.2%
Heavy metals	<20 ppm
Residual methanol	≤3000 PPM
Residual DMSO	≤5000 PPM
Residual acetic acid	≤5000 PPM
GC impurity K (aniline)	≤5 PPM
Loss on drying	0.3%
Sulphated ash	0.01%
Assay	99.9%

**Conclusion: Material comply with BP2000**