



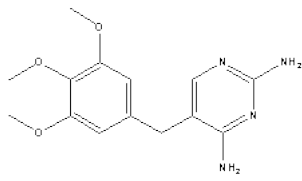
HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: **DYC091610193**

Product Name	Trimethoprim
CAS Number	738-70-5
Molecule Structure	
Molecule Formula	C ₁₄ H ₁₈ N ₄ O ₃
Packing	25 kg net/fiber drum
Batch Number	20160816
Manufacture Date	2016-08-16
Expiry Date	2021-08-15

Items	Standard	Result
Appearance	White or yellowish-white powder	Conform
Solubility	Very slightly soluble in water, soluble in benzyl alcohol, moderately in chloroform and methanol, slightly in alcohol and acetone, practically insoluble in ether and carbon tetrachloride	Conform
Identification	A (1975), compare Trimethoprim CRS	In accordance with the ref. standard IR spectrum
	B (741), Max. 287nm, not differ in more than 3%	Conform
Melting point (741)	199°C~203°C	200°C~202°C
Total impurity	≤ 0.2 %	< 0.2 %
Imp. F	≤ 0.1 %	Negative
Loss on drying (731)	≤ 0.5 %	0.3 %
Residue on ignition (281)	≤ 0.1 %	0.04 %

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Residual methanol	≤ 3000ppm	Negative
Residual DMSO	≤ 5000ppm	Negative
Impurity K (aniline)	≤ 5ppm	< 5ppm
Assay	98.5 %~101.0 %	99.3 %
Conclusion	This product meets the requirements of USP38.	

Hangzhou Dingyan Chem Co., Ltd.
Quality Control
QUALITY CONTROL: *Pauls* CHECK:姚仙娟 INSPECTOR: 刘清风