

Item Number	TH110
Item	Theophylline, Anhydrous, USP
CAS Number	58-55-9
Molecular Formula	C ₇ H ₈ N ₄ O ₂
Molecular Weight	180.17
MDL Number	
Synonyms	Slo-Bid

Test	Specification	
	Min	Max
ASSAY	97.0	102.0 %
LOSS ON DRYING @ 105 C		0.5 %
ORGANIC IMPURITIES:		
THEOPHYLLINE RELATED COMPOUND C		0.10 %
THEOPHYLLINE RELATED COMPOUND B		0.10 %
THEOPHYLLINE RELATED COMPOUND D		0.10 %
CAFFEINE		0.10 %
ANY OTHER INDIVIDUAL UNSPECIFIED IMPURITY		0.10 %
TOTAL IMPURITIES		0.5 %
RESIDUE ON IGNITION		0.15 %
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION (A)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	RETENTION TIME MATCHES STANDARD	
APPEARANCE		
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS	AS REPORTED	
MONOGRAPH EDITION		

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