

Item Number	T1134
Item	Timolol Maleate, USP
CAS Number	26921-17-5
Molecular Formula	$C_{13}H_{24}N_4O_3S \cdot C_4H_4O_4$
Molecular Weight	432.49
MDL Number	
Synonyms	(S)-1-tert-Butylamino-3-(4-morpholino-1,2,5-thiadiazol-3-yloxy)propan-2-ol Maleate

Test	Specification	
	Min	Max
APPEARANCE		
IDENTIFICATION (A)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	RETENTION TIME MATCHES STANDARD	
ASSAY (DRIED BASIS)	98.0	102.0%
pH OF A 2% SOLUTION	3.8	4.3
LOSS ON DRYING		0.5%
RESIDUE ON IGNITION		0.1%
ELEMENTAL IMPURITIES	AS REPORTED	
ENANTIOMERIC PURITY		1.0 %
ORGANIC IMPURITIES:	.	
TIMOLOL RELATED COMPOUND B		0.4 %
TIMOLOL RELATED COMPOUND D		0.4 %
TIMOLOL RELATED COMPOUND E		0.4 %
TIMOLOL RELATED COMPOUND C		0.4 %
TIMOLOL RELATED COMPOUND F		0.4 %
ANY UNSPECIFIED IMPURITY		0.10 %
TOTAL IMPURITIES		1.0 %
RETEST DATE		
MANUFACTURE DATE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

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