

Item Number	DI127
Item	Dimenhydrinate, USP
CAS Number	523-87-5
Molecular Formula	C <sub>17</sub> H <sub>21</sub> NO•C <sub>7</sub> H <sub>7</sub> ClN <sub>4</sub> O <sub>2</sub>
Molecular Weight	469.96
MDL Number	
Synonyms	8-Chlorotheophylline, compound with 2-(Diphenylmethoxy)-N,N-dimethylethylamine (1:1)

Test	Specification	
	Min	Max
ASSAY (DIPHENHYDRAMINE; DRIED BASIS)	53.0	55.5 %
ASSAY (8-CHLOROTHEOPHYLLINE; DRIED BASIS)	44.0	47.0 %
LOSS ON DRYING		0.5 %
RESIDUE ON IGNITION		0.3 %
ORGANIC IMPURITIES:		
THEOPHYLLINE		0.2 %
DIMENHYDRINATE RELATED COMPOUND E		0.15 %
DIPHENHYDRAMINE RELATED COMPOUND A		0.2 %
ANY OTHER INDIVIDUAL IMPURITY		0.10 %
TOTAL IMPURITIES		0.5 %
ELEMENTAL IMPURITIES		AS REPORTED
IDENTIFICATION (FTIR)	SPECTRUM MATCHES REFERENCE	
APPEARANCE		
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS	AS REPORTED	

***Spectrum Chemical Mfg Corp***

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