

Item Number	DO124
Item	Doxylamine Succinate, USP
CAS Number	562-10-7
Molecular Formula	$C_{17}H_{22}N_2O \cdot C_4H_6O_4$
Molecular Weight	388.46
MDL Number	
Synonyms	Histadoxylamine Succinate ; N,N-Dimethyl-2-[?-(methyl)-(2-pyridyl)benzyloxy]ethylamine Hydrogen Succinate

Test	Specification	
	Min	Max
APPEARANCE		
IDENTIFICATION (A)		3.0 %
IDENTIFICATION (B)	RETENTION TIME CORRESPONDS TO STANDARD	
IDENTIFICATION (C)	184°	188°
ASSAY (DRIED BASIS)	98.0	102.0 %
LOSS ON DRYING		0.5 %
RESIDUE ON IGNITION		0.1 %
ORGANIC IMPURITIES:		
DOXYLAMINE PYRIDINYL N-OXIDE		0.10 %
DOXYLAMINE DIOXIDE		0.10 %
DOXYLAMINE PYRIDINE-4-YL ISOMER		0.15 %
CARBINOXAMINE RELATED COMPOUND C		0.5 %
DOXYLAMINE ETHYLAMINE N-OXIDE		0.10 %
DOXYLAMINE ALCOHOL		0.15 %
2-BENZOYLPYRIDINE		0.15 %
ANY UNSPECIFIED IMPURITY		0.10 %
TOTAL IMPURITIES		1.0 %
ELEMENTAL IMPURITIES	AS REPORTED	
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

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