

Item Number	CE121
Item	Cetylpyridinium Chloride, Monohydrate, USP
CAS Number	6004-24-6
Molecular Formula	C ₂₁ H ₃₈ ClN•H ₂ O
Molecular Weight	358.00
MDL Number	
Synonyms	Hexadecylpyridinium Chloride

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (ANHYDROUS BASIS)	98.0	102.0 %
WATER DETERMINATION	4.5	5.5 %
ACIDITY		2.5 ml
RESIDUE ON IGNITION (ANHYDROUS BASIS)		0.2 %
ELEMENTAL IMPURITIES	AS REPORTED	
ORGANIC IMPURITIES:		
MYRISTYLPYRIDINIUM		0.45 %
STEARYLPYRIDINIUM		0.15 %
ANY UNSPECIFIED IMPURITY		0.1 %
TOTAL IMPURITIES		1.0 %
IDENTIFICATION (A)	IR MATCHES REFERENCE STANDARD	
IDENTIFICATION (B)	RETENTION TIME CORRESPONDS TO STANDARD	
IDENTIFICATION (C)	POSITIVE FOR CHLORIDE <191>	
CERTIFIED HALAL		
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS		AS REPORTED

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