



CERTIFICATE OF ANALYSIS

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1. Identification

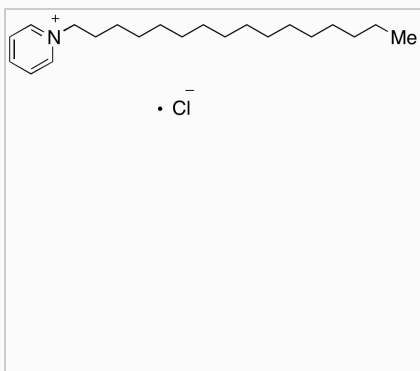
Catalogue Number: C281605

CAS Number: 123-03-5

Synonym: 1-Hexadecylpyridinium Chloride (1:1); 1-Cetylpyridinium chloride; 1-Palmitylpyridinium chloride; 1-n-Hexadecanepyrindinium chloride; Acetoquat CPC; Aktivex; Ammonyx CPC; Biosept; CPC; CPC (onium compound); Cecure; Ceepryn chloride; Cepacol; Cepacol chloride; Ceprim; Cetafilm; Cetamium; Dobendan; Halset; Hexadecylpyridinium chloride; Intexsan CPC; Ipanol; Medilave; Merocet; Merothol; N-Cetylpyridinium chloride; NB 002; NB 003; NB 401; Newkalgen B 651P; Pionin B 651P; Pristacin; Pyrisept; Quaternar

Product: Cetylpyridinium Chloride

Structure:



Molecular Formula:

$C_{21}H_{38}N \cdot Cl$

Molecular weight:

304.54 + 35.45

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 26-GHZ-55-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Water Content	Report Result	4.5% by Karl Fischer
Elemental Analysis	Conforms	%C: 69.97, %H: 11.41, %N: 3.85
HPLC Purity	>95%	99.79% (260 nm)

Additional Information:

Elemental Analysis: (Theoretical) %C: 74.19, %H: 11.27, %N: 4.12

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Eric Beaton	Toni Rantanen	My Nguyen	10/14/2020	10/12/2027
				