



CERTIFICATE OF ANALYSIS

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1. Identification

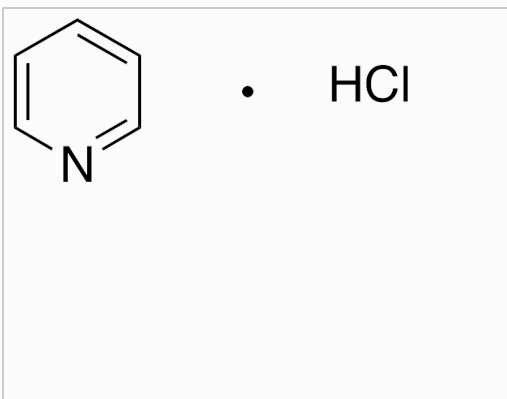
Catalogue Number: P991280

CAS Number: 628-13-7

Product: Pyridine Hydrochloride

Synonym: Pyridinium Chloride; Py-HCl; Py HCl;

Structure:



Molecular Formula:

$C_5H_5N \cdot HCl$

Molecular weight:

79.10 + (36.46)

Source of Product:

N/A

Solubility:

DMSO (Sparingly, Sonicated),
Methanol (Soluble), Water
(Slightly)

Lot Number: 17-SBL-26-1

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Chloride Content	Report Result	30.1%
Appearance	White to Pale Green Solid	White to Off-White Solid
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Water Content	Report Result	0.7% by Karl Fischer
Elemental Analysis	Conforms	%C: 50.82, %H: 5.32, %N: 11.80
HPLC Purity	>95%	99.60% (255 nm)

Additional Information: N/A

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
Evan Burns	Toni Rantanen	Chanell Chu	6/21/2021	6/19/2025
