



CERTIFICATE OF ANALYSIS

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1. Identification

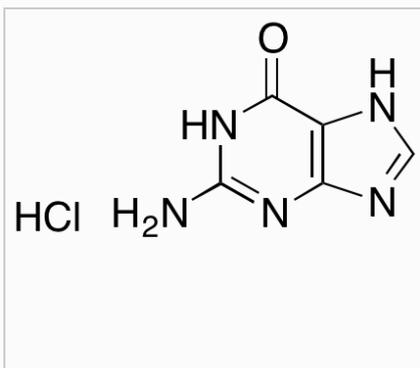
Catalogue Number: G836005

CAS Number: 635-39-2

Product: Guanine Hydrochloride

Synonym: Guaninium Chloride; Guanine, Monohydrochloride; 2-Amino-1H-purin-6(7H)-one Hydrochloride;

Structure:



Molecular Formula:

C₅H₅N₅O • (HCl)

Molecular weight:

151.13 + (36.46)

Source of Product:

N/A

Solubility:

DMSO (Sparingly, Heated),
Methanol (Slightly)

Lot Number: 1-NJL-40-1

Purity: 98%

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:
Elemental Analysis	Conforms	%C: 30.48, %H: 3.13, %N: 35.24
Appearance	White to Light Beige Solid	White Solid
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms

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 ± 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
Henry Tieu	Toni Rantanen	Chanell Chu	12/10/2021	12/8/2025