



CERTIFICATE OF ANALYSIS

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1. Identification

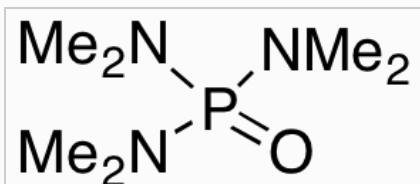
Catalogue Number: H294325

CAS Number: 680-31-9

Synonym: Hexamethylphosphoric Triamide; ENT 50,882; Eastman Inhibitor HPT; HMPA; HMPT; HMPTA; HPT; Hempa; Hexametapol; Hexamethylorthophosphoric Triamide; Hexamethylphosphoramidate; Hexamethylphosphoric Acid Triamide; Hexamethylphosphoric Triamide; Hexamethylphosphorotriamide; Hexamethyltriimidophosphate; Light Stabilizer HPT; N,N',N''-Hexamethylphosphoramidate; NSC 113131; NSC 7967; Phosphoric Acid Hexamethyltriamide; Phosphoric Hexamethyltriamide; Phosphoric Tris(dimethylamide); Phosphoryl Hexamethyltriame

Product: Hexamethyltriimidophosphate

Structure:



Molecular Formula:

C₆H₁₈N₃OP

Molecular weight:

179.2

Source of Product:

N/A

Solubility:

Chloroform (Soluble),
Methanol (Slightly)

Lot Number: 13-QIU-94-1

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:
Appearance	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 40.14, %H: 10.69, %N: 23.19

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

Neha Khanna

**Reviewed By**

Toni Rantanen

**C of A Approved
By**

Chanell Chu

**Test Date**

1/5/2022

Retest Date

1/3/2026