



CERTIFICATE OF ANALYSIS

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1. Identification

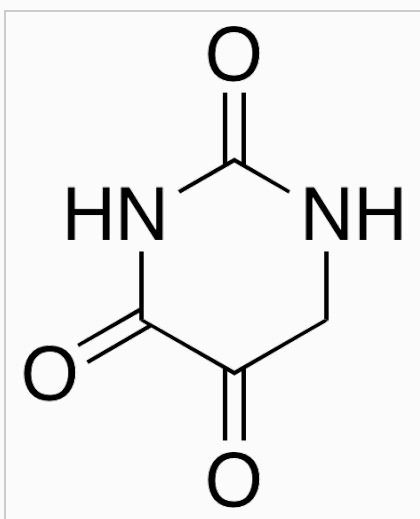
Catalogue Number: I780030

CAS Number: 496-76-4

Product: Isobarbituric Acid

Synonym: 2,4,5-Trihydroxypyrimidine; Dihydro-2,4,5(3H)-pyrimidinetrione; 5-Hydroxyuracil; NSC 95958; Fluorouracil EP Impurity B; Fluorouracil USP Related Compound B

Structure:



Molecular Formula:

C₄H₄N₂O₃

Molecular weight:

128.09

Source of Product:

N/A

Solubility:

Aqueous Base (Slightly),
DMSO (Slightly, Sonicated),
Methanol (Slightly)

Lot Number: 3-SEH-73-1

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:
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.62% (280 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 ± 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
Meenakshi Sharma	Toni Rantanen	Chanell Chu	8/12/2021	8/10/2025