

URIDINE

BIOTECH, LBLE, GMP

CAS #: 58-96-8

Formula: $C_9H_{12}N_2O_6$

F.W.: 244.20 g/mol

URID-4250

BIO PHARMA GRADE

ANALYSIS		SPECIFICATIONS
Ammonium		≤ 1500 ppm
Appearance and Color		White to almost white powder
Assay		98.0 – 102.0%
Bioburden	TAMC	≤ 100 CFU/g
	TYMC	≤ 100 CFU/g
Chloride		≤ 500 ppm
Endotoxin		≤ 0.5 EU/mg
Heavy Metals		≤ 10 ppm
Identification, IR		Conforms to Reference Standard
Insoluble Matter		$\leq 0.1\%$
Loss on Drying		$\leq 0.5\%$
Purity		$\geq 99.0\%$
Residue on Ignition		$\leq 0.1\%$
Solubility (Color)		Colorless
Solubility (Turbidity)		Clear
Total Phosphorus		≤ 160 ppm
Transparency		$\geq 98.0\%$
UV Assay		$\geq 98.0\%$
Trace Metals	Aluminum (Al)	≤ 5 ppm
	Calcium (Ca)	≤ 100 ppm
	Copper (Cu)	≤ 5 ppm
	Iron (Fe)	≤ 30 ppm
	Potassium (K)	≤ 50 ppm
	Magnesium (Mg)	≤ 30 ppm
	Sodium (Na)	≤ 200 ppm
	Lead (Pb)	≤ 50 ppm
	Zinc (Zn)	≤ 5 ppm

Intended for Use in Biopharmaceutical & Biotechnological Applications and Products

This is a high purity, GMP, Reagent grade product, purified under full cGMP conditions. Uridine is a glycosylated pyrimidine- analog containing uracil attached to a ribose ring via a β -N1-glycosidic bond. It is one of the five standard nucleosides which make up nucleic acid. Uridine is used as a nutrient and an intermediate in biopharmaceutical preparations with other biotechnology applications.

General Product Description

- Appears as a white to almost-white powder
- Manufactured under an ICH-Q7 Quality Managed cGMP System
- Manufactured in an enzyme free, hormone free and animal free environment
- No known major food allergens (as defined by FDA and WHO)
- The final product and its raw materials are not derived from nor come into contact with animal parts, animal products, and/or animal byproducts/derivatives.
- Is not subject to genetic modification
- Synonyms: 1- β -D-Ribofuranosyluracil, Uracil-1- β -D-ribofuranoside
- Visit the product page on our website (www.biospectra.us) for additional information, supporting regulatory documents, and CofAs.

Storage and Shipping Conditions

Refer to SDS.

Standard Shelf Life Policy

Each Certificate of Analysis will contain a 2-year retest/recertification date supported by a 3-year ICH Q1 Stability Study (if one is completed).

Package Sizes

100g, 500g, 1kg, 5kg, 10kg, 25kg, 50kg

Standard Lead Time

1-2 weeks

Country of Origin: USA

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