

URIDINE

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, HPLC | | 98.0 - 102.0% |
| Assay, UV | | > = 98.0% |
| Chloride | | < = 500 ppm |
| Endotoxin | | < = 0.5 EU/mg |
| Identification, IR | | Conforms to Reference Standard |
| Insoluble Matter | | < = 0.1% |
| Loss on Drying | | < = 0.5% |
| Purity | | > = 99.0% |
| Microbial Content | TAMC | < = 100 CFU/g |
| | TYMC | < = 100 CFU/g |
| Residue on Ignition | | < = 0.1% |
| Solubility | | Clear, Colorless |
| Trace Metals | Aluminum (Al) | < = 5 ppm |
| | Calcium (Ca) | < = 100 ppm |
| | Copper (Cu) | < = 5 ppm |
| | Iron (Fe) | < = 30 ppm |
| | Phosphorus (P) | < = 160 ppm |
| | Potassium (K) | < = 50 ppm |
| | Magnesium (Mg) | < = 30 ppm |
| | Sodium (Na) | < = 200 ppm |
| | Lead (Pb) | < = 10 ppm |
| | Zinc (Zn) | < = 5 ppm |
| Transparency | | > = 98.0% |

Country of Origin: USA

Intended for Use in Biopharmaceutical & Biotechnological Applications and Products

This is a high purity, reagent grade product, purified under 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 a nutrient and an intermediate in biopharmaceutical preparations with other biotechnology applications.

General Product Description

- Appears as a white to almost-white powder
- Manufactured in accordance with IPEC
- Manufactured in an enzyme free, hormone free and animal free environment
- Contains 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 or 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 CoAs.

Storage and Shipping Conditions

Refer to SDS.

Standard Shelf Life Policy

Each Certificate of Analysis will contain a 2-year retest 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

2-4 weeks

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