

URIDINE

BLE, 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%	

Click here to view SDS, CoAs and other supporting regulatory documents on our website.

General Product Overview

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.

Industry Application

Suitable for use in biological and biotech chemical process applications from R&D through scale cGMP production.

Key Product Features

- 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

Storage and Shipping Conditions

Refer to SDS.

Standard Shelf-Life Policy

Unless otherwise noted on the Shelf-Life Statement and CoA, this product has 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

This is not considered a controlled document. We are not responsible for any errors or omissions, and the user is responsible for any decisions based on the information herein.