

## URACIL

BIOTECH, GMP

CAS #: 66-22-8

Formula:  $C_4H_4N_2O_2$

F.W.: 112.09 g/mol

URAC-4301

BIO PHARMA GRADE

ANALYSIS	SPECIFICATIONS
Appearance and Color	White to Slightly Yellow Powder
Identification (IR)	Passes Test
Reaction	Passes Test
Solubility	Passes Test

Country of Origin: USA

### General Product Description

- Appears as a white to slightly yellow 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: 2,4-Dihydroxypyrimidine; 2,4(1H,3H)-Pyrimidinedione; 2,4-Pyrimidinediol.
- Visit the product page on our website ([www.biospectra.us](http://www.biospectra.us)) for additional information, supporting regulatory documents, and CofAs.

### Intended for Use in Pharmaceutical GMP Processes & Biotechnological Applications

Uracil is important for the detoxification of many carcinogens and is also used to detoxify many drugs such as cannabinoids and opioids. Uracil can be used for drug delivery and as an intermediate to compounds used in anticancer drugs. Other derivatives are used in pesticides and antiphotosynthetic herbicides as well as in the synthesis of caffeine. Uracil is used as a coenzyme and allosteric regulator during biochemical reactions and for polysaccharide biosynthesis and transportation of sugars containing aldehydes.

### 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