

URACIL

GMP

CAS #: 66-22-8

Formula: C₄H₄N₂O₂

F.W.: 112.09 g/mol

URAC-4301**BIO PHARMA GRADE**

ANALYSIS	SPECIFICATIONS
Appearance and Color	White to Slightly Yellow Powder
Identification, IR	Conforms to Reference Standard
Reaction	Passes Test
Solubility	Passes Test

General Product Overview

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.

Industry Application

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

[Click here to view SDS, CoAs and other supporting regulatory documents on our website.](#)

Key Product Features

- Appears as a white to slightly yellow 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: 2,4-Dihydroxypyrimidine; 2,4(1H,3H)-Pyrimidinedione; 2,4-Pyrimidinediol

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

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