BIOSPECTRA
Bulk cGMP Fine Chemical Manufacturer

GMP PROCESS CHEMICAL
IPEC GMP MANUFACTURED PRODUCT

URACIL

GMP

CAS #: 66-22-8 **Formula: $C_4H_4N_2O_2$** **F.W.: 112.09 g/mol**

URAC-4202

BIO PHARMA GRADE

ANALYSIS	SPECIFICATIONS
Appearance and Color	White to Slightly Yellow Powder
Assay, HPLC	97.0 – 102.0%
Identification, IR	Conforms to Reference Standard
Reaction	Passes Test
Solubility	Passes Test
TAMC	< = 1000 CFU/g
Assay, Manual Titration	> = 98.0%

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 to 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.

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

Industry Application

Suitable for use as a cGMP chemical in pharmaceutical manufacturing processes.

Key Product Features

- The manufacturing of Uracil, URAC-4202 is performed at BioSpectra's Bangor, PA facility.
- 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

10kg, 25kg and 50kg pail