

HEPES SODIUM SALT

CAS #: 75277-39-3

Formula: $C_8H_{17}N_2NaO_4S$

F.W.: 260.29 g/mol

HEPN-5251

BIO ULTRA GRADE

ANALYSIS	SPECIFICATIONS
Appearance (Color)	White
Appearance (Form)	Powder
Identification (IR)	Conforms to Reference Standard
Endotoxin	< = 50 EU/g
pH (1.0% aqueous)	9.5 - 10.5
RNase Detection	Passes Test
Titration with H_2SO_4	> = 96.0%
Water (Karl Fischer)	< = 3.0%

Key Product Features

- Appears as white powder
- 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: N-(2-Hydroxyethyl) Piperazine-N'-2-Ethanesulfonic Acid; 4-(2-Hydroxyethyl)

Storage and Shipping Conditions

Refer to SDS.

Standard Shelf-Life Policy

Please inquire for information regarding shelf life.

Package Sizes

1kg, 5kg, 10kg, 25kg, 50kg

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

Industry Application

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

General Product Overview

HEPES Sodium Salt is a zwitterionic salt which is used in the preparation of a HEPES buffer solution. Its pH range makes an ideal buffer for pH maintenance. HEPES Sodium Salt interferes with the Folin protein assay. The tendency of this buffer to form radicals makes it unsuitable for redox studies.

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