

# MOPS SODIUM SALT

CAS #: 71119-22-7

 Formula:  $C_7H_{14}NO_4SNa$ 

F.W.: 231.24 g/mol

**MOPN-5221**
**BIO ULTRA GRADE**

ANALYSIS		SPECIFICATIONS
Absorbance (0.1M Solution in Water)	260 nm	< = 0.03
Appearance		White Crystalline Powder
Assay (on dried basis, by titration)		> = 99.5%
Heavy Metals (Pb)		< = 5 ppm
Identification, IR		Passes Test
Iron		< = 5 ppm
Loss on Drying (105 °C)		< = 1.0%
pH (0.1M Solution)	260 nm	< 0.03%

## General Product Overview

MOPS Sodium is a zwitterionic salt of the Good's buffer, MOPS. MOPS interferes with the Folin protein assay and partially decomposes when autoclaved in the presence of glucose. MOPS is considered a Good's buffer because it has low UV absorptivity, minimal reactivity, stable pH and is soluble in water.

[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.

## Key Product Features

- Appears as white crystalline 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

## Storage and Shipping Conditions

Refer to SDS.

## Standard Shelf-Life Policy

Please inquire for information regarding shelf life.

## Package Sizes

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

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