



Specialized in chemicals

Hefei TNJ Chemical Industry Co.,Ltd.
B911 Xincheng Business Center,
Qianshan Rd. Hefei 230022 China
Tel : (0086) 551 65418695
Fax: (0086) 551 65418697
Email: info@tnjchem.com
Site: www.tnchem.com

Technical Data Sheet

Peptone

Product Information

Chemical Name	Peptone
CAS #	91079-46-8/73049-73-7
Synonyms	Soy peptone

Description

Soy peptone is a kind of enzymic hydrolyzed GMO-Free Soy Protein that gives comparable growth promoting properties. It is excellent source of vitamins and high quality nitrogen that widely used in culture media for cultivation and other purposes.

Specification

Inspection items	Standard
Total nitrogen	≥12%
Amino acid nitrogen	≥4.0%
Peptone content	≥80%
Tryptophan	≥0.8%
Ash	≤8.0%
pH	6-7(2% water solutiion)
Loss	≤6.0% on drying

Safety

Hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Severe overexposure can result in death.
Always refer to the Material Safety Data Sheet (MSDS)

Applications

- (1) used for microbial culture;
- (2) for Flavomycin, nisin, avermectin, aureomycin, Maddie mildew element of antibiotic fermentation;
- (3) for xanthan gum, gellan gum, hyaluronic acid, amino acid, vitamin, citric acid fermentation.

Packaging

25kg per fiber drum

Storage & Handling

Keep away from heat.
Keep away from sources of ignition.
Ground all equipment containing material.
Keep container in a cool, well-ventilated area.
Keep container tightly closed and sealed until ready for use.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center
Qianshan Road, Hefei
230022 Anhui
China

Tel : (0086) 551 65418695
Fax: (0086) 551 65418697
Email: info@tnjchem.com
Site: www.tnjchem.com