



1221 South Eads St, Suite 107
 Arlington VA 22202
 Ph 202 492 3305
info@neolactose.com

PEPTONES

Description of Peptones

Neolactose sells a range of peptones to fit the needs of the biotechnology industry. Neolactose peptones are derived from animal tissue and milk. Each peptone has a unique amino acid composition which provides distinct properties. Our peptones are manufactured in New Zealand, a BSE free country. We can provide a NZFSA certificate.

Use of Peptones

Peptones are used in microbiological culture media to support the nutritional requirements of microorganisms. They are also used in industrial fermentations and the production of human and veterinary vaccines.

Solubility: Completely water soluble

Packaging

All peptones are hygroscopic and are packed in tightly sealed polyethylene liners and packed in 25kg fibre drums. Customer specific packaging can be provided.

Product known as: MEAT PEPTONE

Beef Extract Powder NE4000P

Beef peptone is manufactured from New Zealand sourced beef products. This product has been spray dried to allow ambient storage.

Storage Ambient. Ideal temperature of <20°C

Shelf life 12 months

Packaging Multiwall (plastic inner liner and paper outer) 20 kg bag.

Ingredients Water & Beef

Specification

	Method	Units	Minimum	Maximum
Moisture		%		5
Ash		%		14
Fat		%		0.5
TN	Kjeldahl	%	12.0	
pH	2% Solution		6.0	
Appearance			Amber powder	Amber powder
Total Plate Count		Cfu/g		50000
Salmonela		Cfu/g		negative
Listeria		Cfu/g		negative

Beef Extract Paste NE4000

Beef peptone is manufactured from New Zealand sourced beef products. This concentrated paste has been Ultra Heat Treated (UHT) to allow ambient storage.

Storage Ambient while product remains in its aseptic packaging. Once opened it has to be stored at <4°C and consumed within seven days.

Shelf life 12 months.

Packaging Stored in aseptic foil liner bag in bulk 200L drums.

Ingredients Water & Beef.

Specification

	Method	Units	Minimum	Maximum
Moisture		%		5
Ash		%		14
Fat		%		0.5
TN	Kjeldahl	%	12.0	
AN		%	0.25	0.35
pH	2% Solution		6.7	7.1
Appearance			Clear	Clear
Trubity	2% Solution after autoclave		Amber liquid NTU	Amber liquid 5.0
Sediment			Trace micro fine ppt	Trane micro fine ppt
APC		Cfu/ml		5000
Thermophiles		Cfu/ml		500
Termophilic Spores		Cfu/ml		<1