

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Peptone
 BATCH NO. 19/MFM/2304
 MANUFACTURING DATE: November 2018
 EXPIRY DATE: November 2023

TESTS	SPECS	RESULTS
Appearance	Cream White Powder	Complies
Solubility in water at 5%:	Complete	Complies
Loss on Drying	Maximum 6.0%	4.8%
pH (5% solution)	6.0 – 7.0	6.6
Total Nitrogen TN	11.5 – 13.0%	12.0%
Alpha-amino nitrogen AN	3.5 – 5.0%	4.3%
AN/TN x 100	26 – 43	36
Residue on Ignition	Maximum 19%	14%
Chloride (NaCl)	Maximum 6%	4%
Total aerobic count	Maximum 10 000 /g	< 3 /g
Staphylococcus aureus	Absence /10g	Pass
Salmonella	Absence /25g	Pass
Escherichia Coli	Absence /1g	Pass
Coliforms	Maximum 10 /g	<10/g
Yeasts & Moulds	Maximum 20 /g	Pass

For and on behalf of
FORMEDIUM Ltd, Unit 1B
 Hunstanton Commercial Park
 PE36 5JQ England

[Signature]
 (Authorised Signature)

* This material is supplied for laboratory use only.

Supplier: Formedium Ltd

Approved by:

[Signature]

Date: 18 MAR 2019

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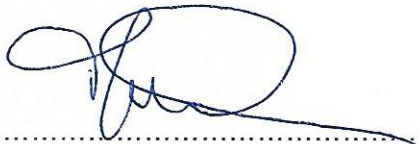
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We, the undersigned, certify that, for the above product:

- Among the raw materials & auxiliaries used in its preparation the bovine constituents belong to the category IB according to the classification of the "note for Guidance" EMEA/410/01 Rev 3
- The bovine raw materials are sourced in New Zealand and come from herds free from Bovine Spongiform Encephalopathy and foot-and-mouth disease after examination by the Veterinary Authorities
- The other constituents are of porcine origin.
- The manufacturing process includes boiling at 100°C for a minimum of 5 minutes and instantaneous heating at 150°C minimum on spray drying.

18 March 2019



Formedium Ltd
Unit 1B Hunstanton Commercial Park, HUNSTANTON, Norfolk, PE36 5JQ

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PE36 5JQ, England


(Authorised Signature)