BEEF HEART INFUSION – A1502

Description

Origin : Beef Heart Infusion is obtained by hydrolysis of beef hearts of Brazilian origin.

Regulatory : This reference holds a Certificate of Suitability certificate from the EDQM (European Directorate for the Quality of Medicines), n° R1-CEP 2000-252-Rev 01, relative to BSE risk in human and animal pharmaceutical products. Brazil is a BSE **Category A** country as defined by the OIE.

Application : Beef Heart Infusion is well suited to fastidious microorganisms that normally grow difficultly on standard culture media. It can be used in a variety of culture media and industrial fermentation applications for vaccine production.

Physical properties

Appearance : beige powder
Odor : characteristic
Stability (2% in solution): stable
Solubility in water at 2%: total

Microbiological controls

Total aerobic mesophilic flora ≤ 10000 cfu/g

Chemical analysis

Total nitrogen (N_T) : 13.5%
Sulfuric Ash : 12.0%
pH (2% in solution): 7.0
Loss on drying : ≤ 5.0%

Chemical characteristics

Nitrites (USP): absent
Indole : absent

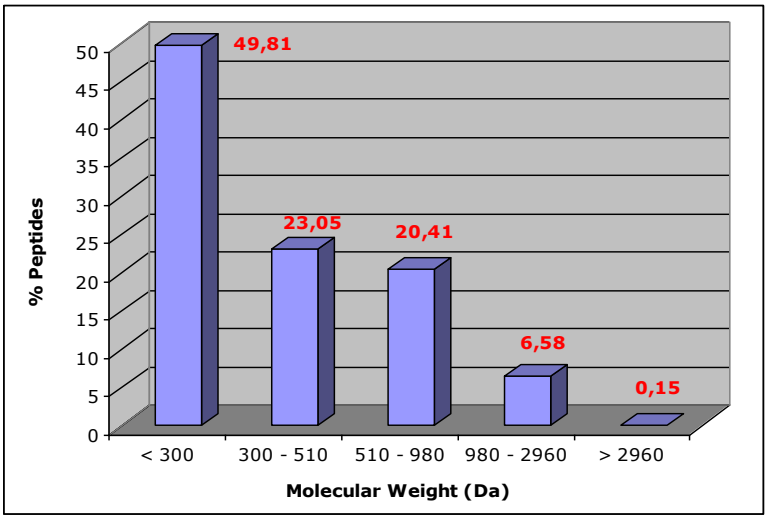
Standard packaging

25 kg carton ; other formats inquire.
Delivered with Certificate of Analysis, Certificate of Origin and EDQM certificate upon purchase.

Amino acid distribution (mg/100g)

	Free amino acids		Free amino acids
Aspartic acid	1631.8	Methionine	1199.3
Threonine	1596.4	Isoleucine	1728.5
Serine	1398.4	Leucine	4116.1
Glutamic acid	3528.1	Tyrosine	408.3
Proline	197.6	Phenylalanine	1726.1
Glycine	1213.4	Histidine	870.6
Alanine	2357.4	Lysine	2010.2
Cystine	151.5	Arginine	1874.3
Valine	2117.7	Tryptophan	723.9

Molecular weight distribution (Daltons)



Storage

Keep in original packaging when not in use, tightly sealed in a dry area ideally between 10 and 35°C.
Avoid direct sunlight. Hygroscopic product.
Expiry date : 5 years from date of manufacture

Sanitary Attestation

In accordance with European Directives 1999/82/EC, 1999/104/EC, 2011/C 73/01 as well as the Note for Guidance EMEA/410/01 Rev. 3 on the risk of transmitting animal spongiform encephalopathy agents via human and veterinary medicinal products, the production of this product has been evaluated by the European Directorate for the Quality of Medicines and issued a Certificate of Suitability bearing the number :

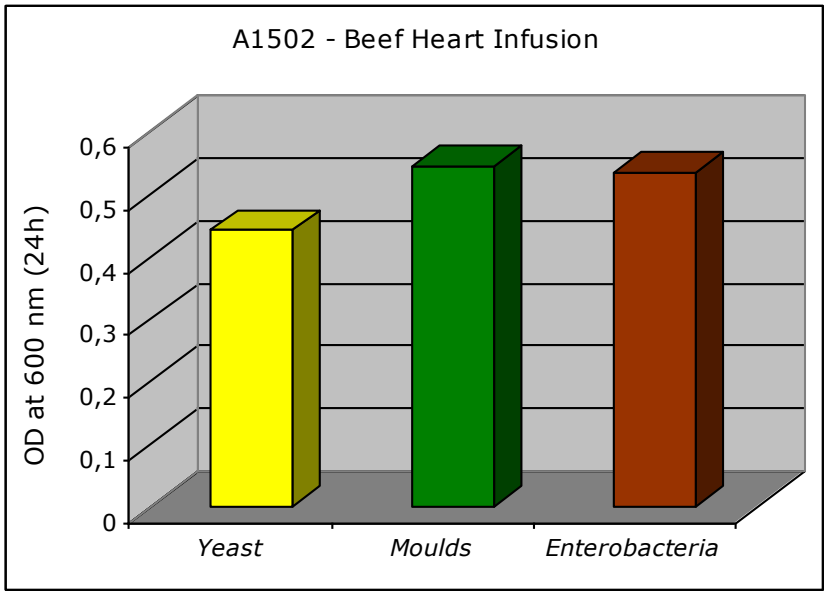
R1-CEP 2000-252-Rev 01

Copies of this certificate for regulatory compliance can be made available to users of this product upon request.

The enzymes used for digestion of the bovine materials are not of ruminant origin.

OBSERVED MICROBIAL GROWTH POTENTIAL :

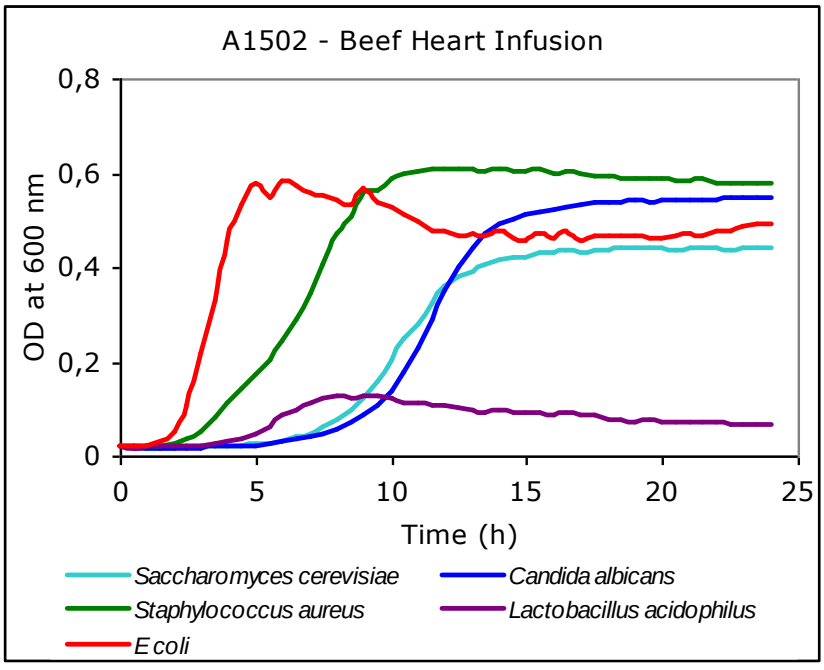
Bacteria, yeast & molds



Test conditions :

Inoculum 10^6 cfu / mL
Growth medium : 3% peptone + 0.25 % glucose

Industrially important fermentation & diagnostic strains



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