

Product	Batch	Manufacturing date	Expiration date
<b>BioCapt Tryptic Soy Agar</b>	051217012	12.05.2017	2017.11.08

**Ref. 19101S (79001201)**

Gamma Rays Treatment	Irradiation Dose (kGy)	Date
Treatment Certificate No. 199.225	12,5	19.06.2017

Physical quality control	Specification	Results
Expected pH-value (25°C)	7.3 ± 0.2	7.3
Appearance of medium	Slightly opalescent	Conforms
Colour of medium	Light amber	Conforms
Filling media volume	30 ml ± 1 ml	Conforms
Media Composition	BSE free	Conforms

**Sterility Control- Absence of contamination (before gamma irradiation)**

32.5 ± 2.5 °C aerobic for 7 days	Conforms
22.5 ± 2.5 °C aerobic for 7 days	Conforms

**Microbiological Performance- Growth Promotion Test (after gamma irradiation)**

Tested according to CLSI M22-A3, EN ISO 11133, Harmonized USP/EP/JP  
Reference media: Tryptic Soy Agar

**Productivity, Method of control: Quantitative**

Inoculum: 10-100 CFU

Control strains	Incubation	Expected Results	Recovery	Results
<i>Bacillus subtilis</i> ATCC® 6633	Aerobic, 24-72 h 32.5 ± 2.5°C	70% ≤ P <sub>R</sub> % ≤ 200%	86	Conforms
<i>Escherichia coli</i> ATCC® 8739	Aerobic, 24-72 h 32.5 ± 2.5°C	70% ≤ P <sub>R</sub> % ≤ 200%	86	Conforms
<i>Staphylococcus aureus</i> ATCC® 6538	Aerobic, 24-72 h 32.5 ± 2.5°C	70% ≤ P <sub>R</sub> % ≤ 200%	86	Conforms
<i>Pseudomonas aeruginosa</i> ATCC® 9027	Aerobic, 24-72 h 32.5 ± 2.5°C	70% ≤ P <sub>R</sub> % ≤ 200%	86	Conforms
<i>Candida albicans</i> ATCC® 10231	Aerobic, 72- 120 h 32.5 ± 2.5°C	70% ≤ P <sub>R</sub> % ≤ 200%	86	Conforms
<i>Aspergillus brasiliensis</i> ATCC® 16404	Aerobic, 72- 120 h 32.5 ± 2.5°C	70% ≤ P <sub>R</sub> % ≤ 200%	86	Conforms

**RECOVERY: RESULTS AS CFU ENUMERATION ON TEST BATCH AGAR PLATES x 100/ CFU ENUMERATION ON REFERENCE TESTS.**
**REFERENCE MEDIUM FOR RECOVERY TESTS: TSA FOR ALL BACTERIA AND SDA FOR YEAST AND MOLD SPECIES**
**ATCC IS REGISTERED TRADE MARK OF AMERICAN TYPE CULTURE COLLECTION**
**Batch Release**

Approved

Date **22.06.2017**

Signature

Quality Control  
(D. Vitagliano)



The results reported were obtained at the time of release.

## ATTESTATO DI TRATTAMENTO

### Treatment Declaration

**N°** 199.225  
*No*

**Data** 19/06/2017  
*Dated*

**N° Rif. Lotto di Trattamento** 5398/2017  
*Rif Batch No.*

**W.O.** 1975351

**S.O.** 1709401

**Mandante** LIOFILCHEM S.R.L. (6)  
*Sender*

**Documento di trasporto N.°** 7340  
*Delivery note No.*

**Del** 07/06/2017  
*Dated*

**N° colli** 2  
*No of Batches*

**Ricevente** LIOFILCHEM S.R.L. (6)  
*Consignee*

**Contratto Commerciale N°** 2346/2015  
*Contract No.*

**Cliente** LIOFILCHEM S.R.L. (6)  
*Customer*

**Codice Packing-List** www\_6\_52846  
*Packing-List code*

#### Descrizione Prodotto (Come indicato nel form della Packing-List elettronica inviata dal Cliente)

*Description of goods (As declared in the digital Packing-List sent by the Customer)*

051217012-051917018

Si dichiara che la merce sopra descritta è stata sottoposta a trattamento mediante esposizione a raggi gamma generati da Cobalto-60 utilizzando impianti e procedure di controllo conformi alle norme UNI EN ISO 9001, UNI CEI EN ISO 13485, UNI EN ISO 11137 e GMP.

*We hereby declare that the above-mentioned goods have been irradiated with Cobalt-60 gamma rays using machinery and control procedures validated in accordance with UNI EN ISO 9001, UNI CEI EN ISO 13485, UNI EN ISO 11137 e GMP.*

Sterigenics Italy si esime dalla responsabilità di eventuali errori di quanto indicato dal Cliente nella Packing-List elettronica  
*Sterigenics Italy will not be held responsible for any mistake in what indicated by the Customer in the digital Packing-List*

**Il processo di trattamento è stato effettuato secondo le specifiche del Capitolato di Fornitura: N°:** 681/14 **del** 29/07/14  
*Treatment process has made in compliance with the specifications of the Supply Agreement: No. dated*

**Ciclo standard:** 12,5 kGy  
*Standard Cycle*

**Dosimetro tipo Red Perspex 4034 Lotto: NW**  
*Dosimeter Batch*

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Soggetta a Direzione e Coordinamento di Deross Holding B.V.

