



Product	Batch	Manufacturing date	Expiration date
BioCapt Tryptic Soy Agar + Neutralizers + Pyruvate	122018002	2018/12/20	2019/12/20
Ref. 19103S (79001206)			

Gamma Rays Treatment	Irradiation Dose (kGy)	Date
Treatment Certificate No. 216.010	12,5	2019.01.21

Physical quality control	Specification	Results
Expected pH-value (25°C)	7.3 ± 0.2	7.1
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 _R % ≤ 200%	100%	Conforms
<i>Escherichia coli</i> ATCC® 8739	Aerobic, 24-72 h 32.5 ± 2.5°C	70% ≤ P _R % ≤ 200%	90%	Conforms
<i>Staphylococcus aureus</i> ATCC® 6538	Aerobic, 24-72 h 32.5 ± 2.5°C	70% ≤ P _R % ≤ 200%	75%	Conforms
<i>Pseudomonas aeruginosa</i> ATCC® 9027	Aerobic, 24-72 h 32.5 ± 2.5°C	70% ≤ P _R % ≤ 200%	81%	Conforms
<i>Candida albicans</i> ATCC® 10231	Aerobic, 72- 120 h 32.5 ± 2.5°C	70% ≤ P _R % ≤ 200%	92%	Conforms
<i>Aspergillus brasiliensis</i> ATCC® 16404	Aerobic, 72- 120 h 32.5 ± 2.5°C	70% ≤ P _R % ≤ 200%	85%	Conforms

RECOVERY: RESULTS AS CFU ENUMERAION ON TEST BATCH AGAR PLATES x 100/ CFU ENUMERATIONON 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	2019.01.29	Signature	Quality Control (D. Vitagliano)
			<i>Dario Vitagliano</i>

The results reported were obtained at the time of release.

ATTESTATO DI TRATTAMENTO

Treatment Declaration

N° 216.010
No

Data 21/01/2019
Dated

N° Rif. Lotto di Trattamento 165/2019
Rif Batch No.

W.O. 2357235

S.O. 2139908

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

Documento di trasporto N.° 490
Delivery note No.

Del 10/01/2019
Dated

N° colli 3
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_63563
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)

010219052-010319049-121218121-122018002

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 Dose Minima: 17,6 kGy
Standard Cycle

Dose Massima: 22,5 kGy

Dosimetro tipo Red Perspex 4034 Lotto:PJ
Dosimeter Batch

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