

Product	Batch	Manufacturing date	Expiration date
BioCapt Tryptic Soy Agar Ref. 19101S (79001201)	110317036	2017/11/03	2018/11/03

Gamma Rays Treatment	Irradiation Dose (kGy)	Date
Treatment Certificate No. 204.281	12,5	2017/12/04

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 _R % ≤ 200%	75%	Conforms
<i>Escherichia coli</i> ATCC® 8739	Aerobic, 24-72 h 32.5 ± 2.5°C	70% ≤ P _R % ≤ 200%	98%	Conforms
<i>Staphylococcus aureus</i> ATCC 6538	Aerobic, 24-72 h 32.5 ± 2.5°C	70% ≤ P _R % ≤ 200%	102%	Conforms
<i>Pseudomonas aeruginosa</i> ATCC® 9027	Aerobic, 24-72 h 32.5 ± 2.5°C	70% ≤ P _R % ≤ 200%	88%	Conforms
<i>Candida albicans</i> ATCC® 10231	Aerobic, 72- 120 h 32.5 ± 2.5°C	70% ≤ P _R % ≤ 200%	110%	Conforms
<i>Aspergillus brasiliensis</i> ATCC® 16404	Aerobic, 72- 120 h 32.5 ± 2.5°C	70% ≤ P _R % ≤ 200%	97%	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	06.12.2017	Signature	Quality Control (D. Vitagliano)
The results reported were obtained at the time of release.			<i>Dario Vitagliano</i>

ATTESTATO DI TRATTAMENTO
Treatment Declaration

N° 204.281
No

Data 04/12/2017
Dated

N° Rif. Lotto di Trattamento 10856/2017
Rif Batch No.

W.O. 2098200

S.O. 1834756

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

Documento di trasporto N.° 15676
Delivery note No.

Del 29/11/2017
Dated

N° colli 1
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_56636
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)

110317036

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 and 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

Sterigenics Italy S.p.A - Via Marzabotto, 4 - 40061 MINERBIO (Bologna - Italia)
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Soggetta a Direzione e Coordinamento di Deross Holding B.V.

