

## Certificate of Analysis

**QuickBag® Half Fraser****PRODUCT IDENTIFICATION**

|                                 |                                              |
|---------------------------------|----------------------------------------------|
| Culture medium                  | Half Fraser                                  |
| Product code (REF)              | DQ0895A                                      |
| Product name                    | <b>QuickBag® HALF FRASER</b>                 |
| Packaging                       | 3QuickBag® x 2.700 ml                        |
| Expiration date (MM-GG-AAAA)    | 07-04-2024                                   |
| Manufacturing date (MM-GG-AAAA) | 07-04-2022                                   |
| Lot                             | 9202200345                                   |
| Sterilization                   | Gamma Irradiation dose min. 27kGy max. 35kGy |

**CHARACTERISTICS AND MICROBIOLOGICAL PERFORMANCE**

| TESTED PARAMETERS                                                                                              | EXPECTED RESULTS                                            | OBSERVED RESULTS |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------|
| Appearance (powder)                                                                                            | Beige                                                       | Conform          |
| Appearance (reconstitute media)                                                                                | Yellow brown                                                | Conform          |
| Weight (powder)                                                                                                | 156,3 g± 3,1 g                                              | Conform          |
| Weight (water)                                                                                                 | 2690 g ± 53,8 g                                             | Conform          |
| pH (reconstitute media)                                                                                        | 7,2 ± 0,2 at 25 °C                                          | Conform          |
| Microbiological status                                                                                         | 3 days at 25 °C, no growth                                  | Conform          |
|                                                                                                                | 3 days at 30°C, no growth                                   | Conform          |
|                                                                                                                | 3 days at 37°C, no growth                                   | Conform          |
| Productivity qualitative (According to ISO 11133:2014/Amd. 1:2018, tested as a selective pre-enrichment broth) |                                                             |                  |
| Listeria monocytogenes WDCM 00021<br>+Escherichia coli WDCM 00013<br>+Enterococcus faecalis WDCM 00009         | >10 colonies on ALOA. Blue green colonies with opaque halo. | Conform          |
| Listeria monocytogenes WDCM00109<br>+Escherichia coli WDCM 00013<br>+Enterococcus faecalis WDCM 00009          |                                                             | Conform          |
| Selectivity qualitative (According to ISO 11133:2014/Amd. 1:2018, tested as a selective pre-enrichment broth)  |                                                             |                  |
| Escherichia coli WDCM 00013                                                                                    | Total inhibition (0) on TSA                                 | Conform          |
| Enterococcus faecalis WDCM 00009                                                                               | < 100 colonies on TSA                                       | Conform          |

Quality Control performed by a Laboratory accredited by ACCREDIA  
in accordance to ISO/IEC 17025.

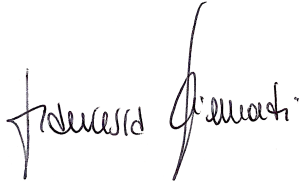


LAB N° 0569

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Lot accepted, 09-29-2022

Signed Quality Assurance Manager,

A handwritten signature in black ink, appearing to read "Francisco Jimenez". The signature is written in a cursive style with a large, stylized 'F' and 'J'.