

**Analysis-Laboratory Department**

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**ANALYSIS CERTIFICATE****VITASEM 1L****BATCH: 10/07/2021-3**

13/19.27

VALIDATION DATE

18/07/2019

MANUFACTURING DATE

10/07/2019

TECHNICAL STAFF

EXTENDER CONTROL BATCH

**BOAR INFORMATION**BOAR CODE: **AB 649**

% Motility **90**    % Abnormal Forms **11**    % Shost: **79**    % ORT: **91**    Concentration **37,50** Million/mL

**PHYSICO-CHEMICAL PROPERTIES**pH: **7,18**Osmolality **315**Conductivity **10,05** mS/cm

Control (6,9-7,5)

Control (290-320)

Control (8,5-11)

**ANALYSIS DATE 3**

| Motility     | Agglutination | Shost | Sort | pH   | Minimum values |
|--------------|---------------|-------|------|------|----------------|
| 90           | 0             | 79    | 87   | 7,25 | Motility 75,60 |
| Final Result | ok            |       |      |      | Shost 71,50    |
|              |               |       |      |      | Sort 82,60     |

**ANALYSIS DATE 7**

| Motility    | Agglutination | Shost | Sort | pH   | Minimum values |
|-------------|---------------|-------|------|------|----------------|
| 90          | 0             | 72    | 85   | 7,23 | Motility 56,40 |
| Full Result | ok            |       |      |      | Shost 61,50    |
|             |               |       |      |      | Sort 71,40     |

**ADDITIONAL TEST**

In vitro penetration test:

Chemical profile:

External Analysis ☐Microbiology ☐**ADDITIONAL ANALYSIS:****FINAL REPORT****APV**

Extender batch achieved minimum values expected at different evaluation times. Parameters in percentage are over the threshold

Raquel Ausejo Marcos