



## CERTIFICATE OF ANALYSIS

|                 |  |                              |
|-----------------|--|------------------------------|
| Product Name:   | Hank's Balanced Salts<br>With Calcium, Magnesium, and Phenol Red<br>Without Sodium Bicarbonate | MADE IN THE USA              |
| Catalog Number: | HBP01  | Storage: 15 to 30°C          |
|                 |  | Manufacture Date: NOV-2014   |
| Lot Number:     | 11140007   | Expiration Date: 30-NOV-2019 |

| Test                             | Specifications  | Results    |
|----------------------------------|---|------------|
| Appearance                       | Off-White to Orange Powder  | PASS       |
| Solubility (in H <sub>2</sub> O) | 9.76 g/L in ≤ 30 minutes  | 7 minutes  |
| Moisture Content                 | ≤ 2%  | < 0.75%    |
| Particle Size (100 mesh)         | ≥ 90%   | > 90%      |
| pH <i>(measured at 24°C)</i>     | 6.2 - 7.3   | 6.53       |
| Osmolality                       | 250 - 310 mM/Kg   | 278 mM/Kg  |
| Endotoxin                        | Record EU/mL  | 0.07 EU/mL |
|                                  | <i>Endotoxin testing was performed using the LAL detection method.</i>            |            |
| Mycoplasma                       | Negative  | NEGATIVE   |
|                                  | <i>Mycoplasma test was performed using MycoAlert® Mycoplasma Detection Assay.</i> |            |
| Growth Promotion                 | ≤ 4 Days  | PASS       |
| Growth Promotion                 | ≥ 80%   | > 80%      |
| Growth Promotion                 | 1   | PASS       |

**This product was produced and tested in accordance with all relevant SOP's and meets or exceeds the quality standards established by Caisson Laboratories, Inc.**

*This product is intended for laboratory use only.*

Prepared by:

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Quality Control

18-JUL-2019

Reviewed by:

JS

BSE/TSE Declaration

To the present state of our knowledge we declare that this product does not contain any BSE/TSE AGENT. This declaration is given in good faith and no warranty express or implied with respect to quality and properties is made.