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## TECHNICAL DATA SHEET

### Certificate of Analysis

- AG PRODUCTS
- AGRICULTURE
- HUMIC ACIDS
- HORTICULTURE
- HYDROPONICS
- LAWN & GARDEN
- GOLF & TURF  
FULL PRODUCT  
LINES
- FOLIAR  
FERTILIZERS
- FOLIAR  
MICROFERTIGATION
- DRIP SYSTEM  
PRODUCTS
- CUSTOM  
MANUFACTURING
- CUSTOM  
PACKAGING
- CUSTOM  
BLENDING
- SOIL  
AMENDMENTS
- SOIL PENETRANTS
- PRODUCT  
DEVELOPMENT
- REGISTRATION
- OMRI REGISTERED  
PRODUCTS

|  |   |                          |                       |                      |                      |                      |     |  |      |                            |      |
|--|---|--------------------------|-----------------------|----------------------|----------------------|----------------------|-----|--|------|----------------------------|------|
| <b>PRODUCT:</b>                            | <b>HYDROPONIC<br/>3.1 - 0 - 3.4</b>   |                          |                       |                      |                      |                      |     |  |      |                            |      |
| <b>RAW MATERIAL:</b>                       | Derived from Calcium Nitrate, Ammonium Nitrate, Potassium Hydroxide and Nitric Acid.  |                          |                       |                      |                      |                      |     |  |      |                            |      |
| <b>DETAILED COMPOSITION:</b>               | <table style="width: 100%; border-collapse: collapse;"> <tr> <td>Total Nitrogen (N) .....</td> <td style="text-align: right;">3.1%</td> </tr> <tr> <td>.3% Ammonic Nitrogen</td> <td></td> </tr> <tr> <td>2.8% Nitric Nitrogen</td> <td></td> </tr> <tr> <td>Available Phosphoric Acid (P2O5) .....</td> <td style="text-align: right;">0.0%</td> </tr> <tr> <td>Soluble Potash (K2O) .....</td> <td style="text-align: right;">3.4%</td> </tr> </table>  | Total Nitrogen (N) ..... | 3.1%                  | .3% Ammonic Nitrogen |                      | 2.8% Nitric Nitrogen |     | Available Phosphoric Acid (P2O5) ..... | 0.0% | Soluble Potash (K2O) ..... | 3.4% |
| Total Nitrogen (N) .....                   | 3.1%  |                          |                       |                      |                      |                      |     |  |      |                            |      |
| .3% Ammonic Nitrogen                       |   |                          |                       |                      |                      |                      |     |  |      |                            |      |
| 2.8% Nitric Nitrogen                       |   |                          |                       |                      |                      |                      |     |  |      |                            |      |
| Available Phosphoric Acid (P2O5) .....     | 0.0%  |                          |                       |                      |                      |                      |     |  |      |                            |      |
| Soluble Potash (K2O) .....                 | 3.4%  |                          |                       |                      |                      |                      |     |  |      |                            |      |
| <b>PHYSICAL &amp; CHEMICAL PROPERTIES:</b> | <table style="width: 100%; border-collapse: collapse;"> <tr> <td>Color .....</td> <td style="text-align: right;">Clear Liquid</td> </tr> <tr> <td>Odor .....</td> <td style="text-align: right;">Bland</td> </tr> <tr> <td>pH.....</td> <td style="text-align: right;">4.9</td> </tr> </table>  | Color .....              | Clear Liquid          | Odor .....           | Bland                | pH.....              | 4.9 |  |      |                            |      |
| Color .....                                | Clear Liquid  |                          |                       |                      |                      |                      |     |  |      |                            |      |
| Odor .....                                 | Bland   |                          |                       |                      |                      |                      |     |  |      |                            |      |
| pH.....                                    | 4.9   |                          |                       |                      |                      |                      |     |  |      |                            |      |
| <b>APPLICATION METHOD &amp; SAFETY:</b>    | Fill your reservoir with clean water before administering any nutrient or additive. Make sure that the water level in your reservoir is sufficient enough to effectively flood your desired area or table. Always wash your measuring cup immediately after adding and stirring in each nutrient. Never mix any nutrients together in their concentrated form. After adding and stirring in each nutrient, check and adjust the pH between 5.0 and 6.5. Keep the water temperature in your reservoir between 66 degrees and 75 degrees F. |                          |                       |                      |                      |                      |     |  |      |                            |      |
| <b>PACKAGING AND NET WEIGHT:</b>           | <table style="width: 100%; border-collapse: collapse;"> <tr> <td>Plastic Jugs.....</td> <td style="text-align: right;">2.5 Gal / 9.47 Liters</td> </tr> <tr> <td>Plastic Pails.....</td> <td style="text-align: right;">5 Gal / 18.93 Liters</td> </tr> </table> Packaging sizes are determined by customer requirements.   | Plastic Jugs.....        | 2.5 Gal / 9.47 Liters | Plastic Pails.....   | 5 Gal / 18.93 Liters |                      |     |  |      |                            |      |
| Plastic Jugs.....                          | 2.5 Gal / 9.47 Liters   |                          |                       |                      |                      |                      |     |  |      |                            |      |
| Plastic Pails.....                         | 5 Gal / 18.93 Liters  |                          |                       |                      |                      |                      |     |  |      |                            |      |
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