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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

PRODUCT:	START-UP™ 6 - 0 - 0 5% MANGANESE CHELATE SOLUTION								
RAW MATERIAL:	Derived from Manganese Citrate Chelate Nitrogen derived from Ammonia								
DETAILED COMPOSITION:	<table style="width: 100%; border: none;"> <tr> <td style="width: 70%;">Total Nitrogen (N)</td> <td style="text-align: right;">6.00%</td> </tr> <tr> <td>6.00 Ammoniacal Nitrogen</td> <td></td> </tr> <tr> <td>Manganese (Mn)</td> <td style="text-align: right;">5.00%</td> </tr> <tr> <td>5.00% Chelated Manganese</td> <td></td> </tr> </table>	Total Nitrogen (N)	6.00%	6.00 Ammoniacal Nitrogen		Manganese (Mn)	5.00%	5.00% Chelated Manganese	
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PHYSICAL & CHEMICAL PROPERTIES:	<table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">Color</td> <td style="text-align: right;">DARK BROWN LIQUID</td> </tr> <tr> <td>Odor</td> <td style="text-align: right;">STRONG AMMONIA</td> </tr> <tr> <td>pH.....</td> <td style="text-align: right;">10</td> </tr> </table>	Color	DARK BROWN LIQUID	Odor	STRONG AMMONIA	pH.....	10		
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Odor	STRONG AMMONIA								
pH.....	10								
APPLICATION METHOD & SAFETY:	Field Crops including Corn, Sorghum, Beans and Cotton: <i>Soil Application</i> – Apply 2 to 5 qts. Manganese Chelate per acre in starter fertilizer. Rate will depend on extent of deficiency and soil conditions. <i>Foliar Application</i> – Thoroughly wet the leaves with a solution of 1 qt. per 100 gallons of water when crop is 6 to 12 inches high or when deficiency symptoms appear.								
PACKAGING AND NET WEIGHT:	<table style="width: 100%; border: none;"> <tr> <td style="width: 70%;">Plastic Jugs.....</td> <td style="text-align: right;">9.47 Liters</td> </tr> <tr> <td>Plastic Pails.....</td> <td style="text-align: right;">18.93 Liters</td> </tr> </table> Packaging sizes are determined by customer requirements.	Plastic Jugs.....	9.47 Liters	Plastic Pails.....	18.93 Liters				
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FACTORY NAME & ADDRESS:	Western Nutrients Corporation 245 Industrial Street Bakersfield, CA 93307 (661) 327-9604 – Office (661) 327-1740 – Fax E-Mail: Craigwnc@lightspeed.net WebSite: http://www.westernnutrientscorp.com								