



Giles Chemical, a division of Premier Magnesia, LLC.  
 102 Commerce Street Waynesville, NC 28786  
 Phone: 828-452-4784 Fax: 828-452-4786  
 Tech Certificate of Analysis

|                                                    |                         |
|----------------------------------------------------|-------------------------|
| Release Date: _____ 3/30/2018 _____                |                         |
| CUSTOMER : _____                                   |                         |
| CUST. REF: _____                                   | SHIP DATE: _____        |
| PRODUCT: <u>Pink Himalayan Mineral Soak - Tech</u> | TRAILER NUMBER: _____   |
| SHELF LIFE: _____ 3 Years _____                    | BILL OF LADING #: _____ |
| LOT NUMBER: <b>18089</b>                           | PO NUMBER #: _____      |
| CARRIER: _____                                     | MANUFACTURED: _____     |
| CUST. CONTACT: _____                               | EXPIRATION: _____       |

I certify that this material meets all the requirements of the Giles Chemical sales specifications. Periodic testing has shown the samples to be consistently free of volatile organic impurities. Giles Chemical magnesium sulfate is manufactured under the guidelines of Current Good Manufacturing Practices (cGMP).

**81% Epsom Salt, Magnesium Sulfate - Heptahydrate, Tech Grade, 18% Himalayan Salt**  
 (Contains ≤ 1% Fragrance and may contain trace amounts of proprietary additives)

| Epsom Salt                             |       |         |             | Himalayan Salt (17d-50/198) |                |
|----------------------------------------|-------|---------|-------------|-----------------------------|----------------|
| TEST                                   | LOWER | UPPER   | TEST RESULT | PARAMETERS                  | RESULTS        |
| Appearance                             | ~~    | ~~      | Clear       | Appearance                  | Clear Crystals |
| Limit of Chloride                      | ~~    | 140 ppm | Pass        | Chloride as NaCl            | 97.80%         |
| Limit of Iron                          | ~~    | 20 ppm  | Pass        | Calcium                     | 0.45%          |
| Selenium                               | ~~    | 30 ppm  | Pass        | Magnesium                   | 0.16%          |
| Heavy Metals (as Pb)                   | ~~    | 10 ppm  | Pass        | Iron                        | 0.02%          |
| pH (5% Solution)                       | 5.0   | 9.2     | Pass        | Arsenic                     | < 1.0 ppm      |
| Loss on Ignition                       | 40.0  | 52.0    | Pass        | Heavy Metals (as Pb)        | < 2.0 ppm      |
| Assay, % MgSO <sub>4</sub> (Dry Basis) | 99.0  | 100.5   | Pass        | Moisture                    | 0.12%          |
| % MgSO <sub>4</sub> (As is Basis)      | 47.52 | 60.3    | Pass        | Insoluble Matter            | 0.37%          |
| ID, Magnesium, Sulfate                 | ~~    | ~~      | Present     | Sulfates                    | 0.91%          |

CONTACT:

Quality Assurance Laboratory

Brent Lance-Chemist

ANALYST:

SIGNATURE ON FILE

