



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: 1/11/2018

CUSTOMER :

CUST. REF: SHIP DATE:

PRODUCT: Sea Kelp & Pink  
Himalayan Salt- Tech TRAILER NUMBER:

SHELF LIFE: 3 Years BILL OF LADING #:

LOT NUMBER: 18011 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).

**98.8% Epsom Salt, Magnesium Sulfate - Heptahydrate, Tech Grade**  
(Contains  $\leq 1\%$  Seaside Lemongrass 2 Fragrance and  $\leq 1\%$  Pink Himalayan Salt)  
(Contains  $<1\%$  of proprietary ingredients and additives)

**Epsom Salt (2017)**

**Salt TFC (RI17220005)/RI17221002**

Parameters	Results	Parameters	Results
Appearance	Clear	Appearance	Clear Crystals
Limit of Chloride	$< 140$ ppm	Calcium&Magnesium (as Calcium)	483 ppm
Limit of Iron	$< 20$ ppm	Calcium Sulfate	0.147%
Selenium	$< 30$ ppm	Copper	0 ppm
Heavy Metals (as Pb)	$< 10$ ppm	Iron - Free	0.1 ppm
pH (5% Solution)	6.89	Arsenic	$< 1.0$ ppm
Loss on Ignition	50.89%	Heavy Metals (as Pb)	$< 2.0$ ppm
Assay, % MgSO <sub>4</sub> (Dry Basis)	99.42%	Sodium Chloride	99.82
ID, Magnesium & Sulfate	Present	Bulk Density	79.0 lb/ft <sup>3</sup>

CONTACT:

ANALYST:

Quality Assurance Laboratory

SIGNATURE ON FILE

Paul Rice - Chemist