



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: 1/3/2018

CUSTOMER : _____

CUST. REF: _____ SHIP DATE: _____

PRODUCT: Pink Himalayan Mineral Soak - Tech TRAILER NUMBER: _____

SHELF LIFE: 3 Years BILL OF LADING #: _____

LOT NUMBER: 18035 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 $\leq 1\%$ Fragrance and may contain trace amounts of proprietary additives)

Epsom Salt				Himalayan Salt (17d-47/196)	
TEST	LOWER	UPPER	TEST RESULT	PARAMETERS	RESULTS
Appearance	~~	~~	Clear	Appearance	Clear Crystals
Limit of Chloride	~~	140 ppm	Pass	Chloride as NaCl	97.84%
Limit of Iron	~~	20 ppm	Pass	Calcium	0.28%
Selenium	~~	30 ppm	Pass	Magnesium	0.19%
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 ₄ (Dry Basis)	99.0	100.5	Pass	Moisture	0.09%
% MgSO ₄ (As is Basis)	47.52	60.3	Pass	Insoluble Matter	0.49%
ID, Magnesium, Sulfate	~~	~~	Present	Sulfates	0.57%

CONTACT:

Quality Assurance Laboratory

Paul Rice-Chemist

ANALYST:

SIGNATURE ON FILE

