



## Certificate of Analysis

(Representative Sample Certificate)

**Product Name:** Dead Sea Mud  
**INCI Name:** Silt  
**CAS Number:** Not available  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 24 months from production date

Analytical Tests	Specification	Analysis
Appearance	Smooth viscous black paste free from grit and sand	pass
Smell	Natural Characteristic Smell	pass
pH (as is)	7.5 - 8.9	8.1
pH (1% slurry)	7.0 - 8.5	8.2
Specific Gravity	1.5 - 1.8	1.6
Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> )	4.5 - 5.3	4.8
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	6.9 - 8.7	7.2
Calcium Oxide (CaO)	15.5 - 21.0	18.5
Magnesium Oxide (MgO)	2.8 - 4.5	3.8
Potassium Chloride (KCl)	5.0 - 7.5	6.5
Magnesium Chloride (MgCl <sub>2</sub> )	3.9 - 7.5	6.2
Calcium Chloride (CaCl <sub>2</sub> )	0.05 - 1.0	0.3
Sodium Chloride (NaCl)	0.5 - 2.5	1.4
Water (Moisture Content)	29.0 - 35.0	33.2
Silica (SiO <sub>2</sub> )	21.0 - 25.0	23.5
Potassium Bromide	0.1 - 0.3	0.2
Sulfur (S)	0.15 - 0.35	0.24
Organic Material (C-C-C)	2.0 - 5.0	3.5
Total Bacterial Count (TBC)	NMT 1000cfu/g	pass
Mold and Yeast Count	NMT 100cfu/g	pass
Pathogenic Organisms	Absent (includes: E.Coli, Salmonella Typhimurium, Pseudomonas aeruginosa, Staphylococcus aureus)	pass

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

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