

CERTIFICATE OF ANALYSIS

Product Name:	Dead Sea Mud		
INCI Name:	Silt		
Batch Number	20221025	Manufacture Date	20221025
Report Date	20221025	Expiry Date	20241024

Test Items	Specifications	Results
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 ₂ O ₃)	4.5 – 5.3	4.8
Iron Oxide (Fe ₂ O ₃)	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 ₂)	3.9 – 7.5	6.2
Calcium Chloride (CaCl ₂)	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 ₂)	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

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

