



TEST REPORT

Report No. : CH:GL:2110016992

DATE : 25/04/2011

JOE No. : 1111806148

Report Control No.:2115019544

SAMPLE NOT DRAWN BY LABORATORY

SAMPLE SUBMITTED AND IDENTIFIED BY CUSTOMER AS : RAW VERMICULITE

CUSTOMER NAME WHITE KNIGHT MINERALS
ADDRESS #26-2-857,9TH STREET,, JYOTHI NAGAR,VEDAYAPALEM,
CITY NELLORE-524004
COUNTRY INDIA
SAMPLING METHOD N.A.
SAMPLE DESCRIPTION RAW VERMICULITE
SAMPLE QTY. 500gms
BAG NO 1
SAMPLE RECD ON 08-04-2011
TEST START DATE 08/04/2011
TEST END DATE 25/04/2011

| TESTS | PROTOCOL | RESULT |
|---|---|-----------------|
| Electrical Conductivity | Of 10% Aqueous Suspension by Conductivity Meter | 16.3 μ s/Cm |
| pH (Of 10% Aqueous suspension) | By pH Meter | 7.20 |
| Loss on Ignition (LOI) % at 1000 °C | IS 9749: 2007 | 9.77 |
| Iron as Fe ₂ O ₃ % | IS 9749: 2007 | 14.10 |
| Silica as SiO ₂ % | IS 9749: 2007 | 35.04 |
| Alumina as Al ₂ O ₃ % | IS 9749: 2007 | 17.69 |
| Magnesium as MgO % | IS 9749: 2007 | 14.64 |

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 7 days (in case of perishable items) and 30 days for all other samples. The samples from regulatory bodies are to be retained as specified. This document cannot be reproduced except in full, without prior written approval of the Company

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| TESTS | PROTOCOL | RESULT |
|--------------------|---------------|--------|
| Potassium as K2O % | IS 9749: 2007 | 4.70 |

***** End of Report ****

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SAMPLE NOT DRAWN BY LABORATORY

SAMPLE SUBMITTED AND IDENTIFIED BY CUSTOMER AS : EXFOLIATED VERMICULITE

CUSTOMER NAME WHITE KNIGHT MINERALS
ADDRESS #26-2-857,9TH STREET,, JYOTHI NAGAR,VEDAYAPALEM,
CITY NELLORE-524004
COUNTRY INDIA
SAMPLING METHOD N.A.
SAMPLE DESCRIPTION EXFOLIATED VERMICULITE
SAMPLE QTY. 500gms
BAG NO 2
SAMPLE RECD ON 08-04-2011
TEST START DATE 08/04/2011
TEST END DATE 25/04/2011

| TESTS | PROTOCOL | RESULT |
|---|---|-----------------|
| Electrical Conductivity | Of 10% Aqueous Suspension by Conductivity Meter | 16.1 μ S/Cm |
| pH (Of 10% Aqueous suspension) | By pH Meter | 7.23 |
| Loss on Ignition (LOI) % at 1000°C | IS 9749: 2007 | 9.00 |
| Iron as Fe ₂ O ₃ % | IS 9749: 2007 | 13.01 |
| Silica as SiO ₂ % | IS 9749: 2007 | 35.51 |
| Alumina as Al ₂ O ₃ % | IS 9749: 2007 | 17.97 |
| Magnesium as MgO % | IS 9749: 2007 | 15.57 |

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| TESTS | PROTOCOL | RESULT |
|--------------------|---------------|--------|
| Potassium as K2O % | IS 9749: 2007 | 4.93 |

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