



Certificate of Testing / Analysis

AN ISO 9001:2008 CERTIFIED TESTING HOUSE



Approved by the CPWD, Govt. of India, Jaipur (Raj.)
 Approved by the CE, MES, Bhopal Zone, Govt. of India
 Approved by the Rajasthan Housing Board, Jaipur
 Approved by the S.S.A. & R.M.S.A. Ajmer Division, Rajasthan
 Reg. by the Govt. of Raj. Jaipur, Ajmer No. : 1701010281/86

GURU KRIPA TEST HOUSE

Lab/Off. : H.O. - AMC 110/10, Civil Lines. AJMER (Raj.) • Tele fax : 0145-2626150, Mobile : 9414003374
 Br. : D-149A, Durga Marg, Bani Park, JAIPUR Tele fax : 0141-2208349 • Br. : D-41, Shastri Nagar, BIKANER Tele fax : 0151-2241799
 e-mail : ravimathur1@hotmail.com & gkth1996@hotmail.com

Ref. No./GKTH/1252/Vermiculite/2014-2015

Date of Issue: 11/07/2014

1. Name of the Party: ~~XXXXXXXXXXXXXXXXXXXX~~
2. Name of Sample: Exfoliate Vermiculite
3. Sample Received on: 05/07/2014
4. Sample Quantity Received: Sealed Packed in Plastic Bag
5. Results of the Test/Analysis: As per the IS: 10555/2002 Exfoliated Vermiculite-Specification of BIS.

PHYSICAL TESTING REQUIREMENTS

Sr. No.	Name of the Test	Actual Test Results Found
1.	Bulk Density	220 Kg/m ³
2.	K-Value	0.057 K/Cal/Hr.
3.	Sintering Temperature	1100°C
4.	Melting Temperature	1200°C

CHEMICAL TESTING REQUIREMENTS

Sr. No.	Name of the Test	Actual Test Results Found (On Dried Basis)
1.	Silicon Di Oxide (as SiO ₂)	39.40 % w/w
2.	Aluminum Tri Oxide (as Al ₂ O ₃)	15.25 % w/w
3.	Ferric Oxide (as Fe ₂ O ₃)	9.45 % w/w
4.	Calcium Oxide (as CaO)	0.80 % w/w
5.	Magnesium Oxide (as MgO)	19.75 % w/w
6.	Sodium Oxide (as Na ₂ O)	0.58 % w/w
7.	Potassium Oxide (as K ₂ O)	6.90 % w/w
8.	Loss on Ignition (as LOI)	6.35 % w/w
9.	Titanium Dioxide (as TiO ₂)	1.22 % w/w



RAVI MATHUR

Prop.
 M.Sc. (App. Chem.), Civil Engg.
 Analyst (Govt. Approved)
 For GKTH, Guru Kripa Test House

1. Once original test report certificate issued (Generate) will neither change nor take back at any cost & condition after testing the sample as instructed by the party.
2. Please verify/confirm our issued Original Test Report Certificate to prevent scanned/duplicate copy.
3. The opinion is with respect to the test (s) carried out and mentioned above.
4. The results listed refer only to the tested sample and applicable parameters. Endorsement of products is neither inferred nor implied.
5. Total Liability of our company is limited to the invoiced amount. 6. Sample is not drawn by us.
7. Sample will be destroyed after one month from the date of issue of test certificate unless otherwise specified.
8. The report is not to be reproduced wholly or in part & can not be used as an evidence in the court of Law and should not be used in any advertising media without our special permission in writing. 9. Duplicate copy will be issued on request by depositing the necessary charges.