



# Test Report

SAMPLE NOT DRAWN BY SGS INDIA PVT. LTD.

Report No : CG16-020780.001

Print Date : 26/09/2016

JOE No : CG16-020780

Report Control No : CGR0000614202

Sample described by customer as : EXFOLIATED VERMICULITE (SIZE)-(2-4mm)

Customer Name : WHITE KNIGHT MINERALS  
Customer Address : 26-2-857, ROAD NO:9,  
: JYOTHI NAGAR, VEDAYAPALEM,  
City : NELLORE,  
Postal Code : 524 004  
State : ANDHRA PRADESH  
Country : INDIA  
Sample Type : EXFOLIATED VERMICULITE (SIZE)-(2-4mm)  
Received : 19/09/2016  
Sample Qty. Recd. : 500g  
Test Start : 19/09/2016  
Test End Date : 26/09/2016

Test/Parameter	Method	Result	Unit
Alumina (as Al <sub>2</sub> O <sub>3</sub> )	IS 9749 : 2007	15.37	% (w/w)
Silica (as SiO <sub>2</sub> )	IS 9749 : 2007	37.83	% (w/w)
Calcium Oxide (as CaO)	IS 9749 : 2007	0.78	% (w/w)
Magnesium Oxide (as MgO)	IS 9749 : 2007	14.55	% (w/w)
Sodium (as Na <sub>2</sub> O)	IS 9749 : 2007	0.20	% (w/w)
Potassium (as K <sub>2</sub> O)	IS 9749 : 2007	4.51	% (w/w)
Loss on ignition	IS 9749 : 2007	7.35	% (w/w)
Titanium (as TiO <sub>2</sub> )	SO-IN-MUL-TE-109	1.581	% (w/w)
Iron (as Fe <sub>2</sub> O <sub>3</sub> )	SO-IN-MUL-TE-109	17.446	% (w/w)
pH	by pH meter	7.32	
Oil Absorption	IS 33 : 1992	22.000	ml/100g
Specific gravity	by Pycnometer	0.819	-
Electrical conductivity (of 10% aqueous suspension)	by Electrical Conductivity Meter	60	ms/cm

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Per pro SGS India Private Ltd



**L\_SIVAKUMAR**  
**Authorized Signatory**

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