



MAXWORTH MINERALS INDIA PVT LTD
QUALITY CERTIFICATE

Certificate No : MAX/QC/S001/17-18	Dated : 03.04.2017
P.O.No : Sample	Invoice No : ---
Customers Name : ---	Product Name : Garnet
Grade : # 140	Sample Qty : 100 gms

We here by certify that the garnet shipped for the sample **Dtd: 03.04.2017** is having the following results from our lab analysis

Chemical Analysis		Sieve Analysis Report			
Elements	%	MM	ASTM	Actual (%)	Cumu (%)
SiO ₂	36.32	0.150	+100	0.50	0.50
Al ₂ O ₃	21.12	0.125	+120	49.20	49.70
Fe ₂ O ₃	31.18	0.106	+140	38.38	88.08
MgO	7.26	0.900	PAN	11.92	100.00
CaO	1.52				
TiO ₂	1.90				

Mineral Composition		Physical Analysis	
Mineral	% by Weight	Test	Result
Garnet	98.80	Conductivity	155 µs/cm at 25.5°C
Ilmenite	0.90	Chloride	20 ppm
Others	0.30	Hardness	7 Moh Scale
		Moisture	0.12%
		Total Suspended Solids	2990 mg/l
		Density	2.3 gm/cm ³

Sample Drawn By	Authorised By
Analyzed By	

Sample taken and sieve analysis under Reference of ISO 11127-2	Conductivity and moisture Analyzed by Meter
Chemical analysis have been determined by Wet analysis method	Chloride content Analyze by Spectro Photometer

This results relates to the sample tested.

This certificate shall not be reproduced except in full, without written approval of the laboratory