



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 : # 80	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	0.300	+50	1.72	1.72
Al ₂ O ₃	21.12	0.250	+60	10.36	12.08
Fe ₂ O ₃	32.15	0.210	+80	61.15	73.23
MgO	4.12	0.180	+100	21.36	94.59
CaO	1.10	0.150	+120	4.41	99.00
TiO ₂	1.90	PAN		1.00	100.00

Mineral Composition		Physical Analysis	
Mineral	% by Weight	Test	Result
Garnet	98.30	Conductivity	75 µs/cm at 25.5°C
Ilmenite	1.25	Chloride	18 ppm
Others	0.45	Hardness	7 Moh Scale
		Moisture	0.12%
		Density	2.3 gm/cm3

Sample Drawn By	Authorised By
Analyzed By	

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