



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 : # 100	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	0.20	0.20
Al ₂ O ₃	21.12	0.250	+60	4.55	4.75
Fe ₂ O ₃	32.15	0.210	+70	31.25	36.00
MgO	4.12	0.180	+80	5.50	41.50
CaO	1.10	0.150	+100	42.50	84.00
TiO ₂	1.90	0.125	+120	14.50	98.50
		PAN		1.50	100.00
Mineral Composition		Physical Analysis			
Mineral	% by Weight	Test		Result	
Garnet	98.50	Conductivity		95 μs/cm at 25.5°C	
Ilmenite	1.20	Chloride		18 ppm	
Others	0.30	Hardness		7 Moh Scale	
		Moisture		0.12%	
		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