



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 : # 20-40	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	36.28	0.600	+20	4.50	4.50
Al ₂ O ₃	22.09	0.425	+30	52.15	56.65
Fe ₂ O ₃	30.73	0.300	+40	41.99	98.64
MgO	7.15	0.250	+50	1.22	99.86
CaO	1.1	0.180	+60	0.14	100.00
TiO ₂	1.05				
Mineral Composition		Physical Analysis			
Mineral	% by Weight	Test	Result		
Garnet	98.63	Conductivity	45 µs/cm at 25.5°C		
Ilmenite	1.33	TDS	25 ppm		
Others	0.04	Chloride	15 ppm		
		Hardness	8 Moh Scale		
		Moisture	0.12%		
		Density	2.49 gm/cm ³		

Sample Drawn By

Ram

Analyzed By



G. Krishna

Authorised 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

