



MAXWORTH MINERALS INDIA PVT LTD
QUALITY CERTIFICATE

Certificate No : MAX/QC/S001/21-22
Dated : 01.06.2021
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: 01.06.2021 is having the following results from our lab analysis

Chemical Analysis		Sieve Analysis Report				
Elements	Actual (%)	MM	ASTM	Standard (%)	Actual (%)	Cumu (%)
SiO ₂	35.42	0.850	+20	0.50 - 3	0.06	0.06
Al ₂ O ₃	20.13	0.600	+30	10 - 25	33.22	33.28
Fe ₂ O ₃	36.2	0.425	+40	65 - 80	62.34	95.62
MgO	4.56	0.300	+50	5 - 10	3.21	98.83
CaO	2.32	0.210	PAN	0.5 - 2	1.17	100.00
TiO ₂	0.52					
Mineral Composition		Physical Analysis				
Mineral	% by Weight	Test Parameter		Result		
Garnet	98.80	Conductivity		75 µs/cm at 25.5°C		
Ilmenite	0.80	Chloride		16 PPM		
Others	0.40	Hardness		7 Moh Scale		
		Moisture		0.12%		
		Total Suspended Solids		1285 mg/l		
		Bulk Density		2.28 g/cm ³		

Sample Drawn By

Analyzed By



Authorised 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