



**MAXWORTH MINERALS INDIA PVT LTD**  
**QUALITY CERTIFICATE**

<b>Certificate No</b> : MAX/QC/S001/17-18	<b>Dated</b> : 03.04.2017
<b>P.O.No</b> : <input type="text" value="sample"/>	<b>Invoice No</b>
<b>Customers Name</b> :	<b>Product Name</b> : Garnet
<b>Mesh</b> : # 30/60	<b>Sample Qty</b> : 100 gms
	<b>Material Qty</b>

We here by certify that the garnet shipped for the sample Dtd: 03.04.2017 is having

Chemical Analysis		Sieve Analysis Report			
Elements	%	MM	ASTM	Actual (%)	Cumu (%)
SiO <sub>2</sub>	36.42	0.600	+30	2.25	2.25
Al <sub>2</sub> O <sub>3</sub>	21.10	0.425	+40	17.65	19.90
Fe <sub>2</sub> O <sub>3</sub>	32.1	0.300	+50	55.34	75.24
MgO	7.15	0.250	+60	21.52	96.76
CaO	2.14	0.180	+70	3.24	100.00
TiO <sub>2</sub>	0.55				
Mineral Composition		Physical Analysis			
Mineral	% by Weight	Test	Result		
Garnet	98.20	Conductivity	65 µs/cm at 25.5°C		
Ilmenite	0.80	Chloride	18 ppm		
Others	1.00	Hardness	7 Moh Scale		
		<b>TDS</b>	<b>36 ppm</b>		
		Moisture	0.14%		
		Density	2.4 gm/cm <sup>3</sup>		

Sample Drawn By *Ram*  
 Analyzed By *Ram*  
  
 Authorised By *G. Krishna*

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