

### 3.3. PRODUCT SPECIFICATIONS

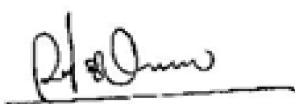
3.3.1 Products are sold with warranty to the specifications in the below that are certified by the Chemists of LMSL in pursuant to Clause 3.1.

- a). Chemical Analysis Report
- b). Mineralogical Specification and c). Grain Size Distributions.

**PRODUCT : ILMENITE SAMPLE NO. : 4099/ILM – 20/09/2019**

<b>CHEMICAL ANALYSIS</b>			
<b>Contents</b>	<b>Weight %</b>		
TiO <sub>2</sub>	≥ 47 ≤ 51		
Maximum Moisture	00.50		
<b>MINERALOGICAL ANALYSIS</b>			
<b>Constituent</b>	<b>Weight %</b>	<b>Weight %</b>	<b>Total Weight %</b>
Magnetite	01.56		
Ilmenite	85.37		
Altered Ilmenite	02.37		
Garnet	01.83		
Monazite	00.22		
Other Magnetics	01.90		
Total Magnetics		93.24	
Rutile	01.35		
Zircon	02.67		
Total Non-Magnetics		04.02	
Total Heavies			97.26
Quartz	02.74		
Total Light Minerals		02.74	100.00
Total Minerals			

<b>SIZE DISTRIBUTION</b>			
<b>BSS Mesh Size</b>	<b>Microns</b>	<b>Weight %</b>	<b>Cumulative % (Retained)</b>
+32	+500	00.26	00.26
+60	+250	04.28	04.54
+100	+150	20.73	25.27
+150	+106	31.40	56.67
+170	+90	15.36	72.03
+200	+75	16.84	88.87
+240	+63	09.11	97.98
-240	-63	01.99	-
Loss		00.03	
Total		100.00	

  
CHEMIST

  
Chemist