

## CERTIFICATE OF ANALYSIS

DATE: August 07.2022

<b>Manufacturer Name:</b> SEPPE TECHNOLOGIES <b>Product Name:</b> Alluvial Pink Garnet <b>Trade Name.:</b> SGA3060	<b>Report NO.:</b> SEGP22T116 <b>Material Qty:</b> 25MT <b>Packing:</b> 1000KG BULK BAGS
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We hereby certify that the cargo shipped above is having the following results from our lab analysis:

CHEMICAL ANALYSIS		SIEVE ANALYSIS REPORT				
Chemical	%	M.M	ASTM	STANDARD %	RETAINED %	CUM
SiO <sub>2</sub>	35.72	0.830	20	0-1	0.00	0.00
Al <sub>2</sub> O <sub>3</sub>	24.48	0.700	24	>90	0.00	0.00
MgO	6.71	0.550	30		0.25	0.25
Fe <sub>2</sub> O <sub>3</sub>	2.17	0.425	35		5.52	5.77
FeO	26.05	0.380	40		8.31	14.08
CaO	1.40	0.270	50		44.02	58.10
MnO	0.43	0.250	60		41.68	97.68
TiO <sub>2</sub>	1.14	0.212	70		0.22	100.00
Cl	0.004	0.180	80	0-10	0.00	100.00

MINERAL COMPOSITION - %	PHYSICAL ANALYSIS
Garnet: 99% Other Minerals: Quartz, Spinel, Feldspar others.	Conductivity: 10.8ms/m Chloride: 24ppm max Sulfide: 0-2% Hardness: 7.5-8.0 Bulk density: 2.4-2.5 g/cm <sup>3</sup> Specific Gravity: 4.0-4.2 g/cm <sup>3</sup> Moisture: 0.1% Grain Shape: block. Sub-angular Color: Pink

\*\*\*End of Test Data\*\*\*

Comments	<b>Acceptable</b>
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Inspector: Song Bao	Auditor: Geng Heng	QC Manager: Long Fei
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