

Mfg. & Importer - Exporter of Minerals & Stones205, Shivalik Abaise, Opp. Shell Petrol Pump, Beside Platinum Banquet Hall,
100 Feet Prahaladnagar Road, Ahmedabad - Gujarat - INDIA (380015)

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**QUALITY CERTIFICATE****Product Name : Dev Abrasive Garnet****Grade & Size : 85 Mesh***We hereby certify that the Garnet shipped for the is having the following results from our lab analysis.*

Chemical Analysis		Sieve Analysis Report			
Elements	%	M.M.	ASTM	Actual%	Cum . %
SiO ₂	35.83	0.425	40	0.000	0.000
Al ₂ O ₃	20.65	0.300	50	1.590	1.59
Fe ₂ O ₃	33.13	0.250	60	12.880	14.47
MgO	6.60	0.180	80	44.130	58.60
CaO	2.35	0.150	100	14.190	72.79
TiO ₂	0.77	0.125	120	17.060	89.85
MnO	0.50	0.106	140	7.890	97.74
Na ₂ O	0.01	PAN		2.260	100.00
K ₂ O	0.01				

Physical Analysis

Specific Gravity : 4.1	Colour : red-pink
Conductivity : 26.24 us/cm	Grain Shape : Sub angular
Chloride : 19.08 ppm	Toxic substances : None
Hardness : >7.moh scale	Moisture : 0.18%
Acid Solubility(hel) : <1.0%	Bulk Density : 2.49 g/cm ³

Mineral Composition % by Weight

Garnet : 98.00%

Ilmenite : 01.50%

Non Magnetic Impurities : 00.50%

Sample Taken by : Dev International



Authorized Signatures

- Sample taken and sieve analysis under reference of ISO 11127-2.
- Chloride content Analysis by Spectrophotometer
- Chemical analysis have been determined by Lab XRF

*This result relates to the sample tested. This certificate shall not be reproduced except in full, without written approval of the laboratory***** AN ISO 9001 : 2008 CERTIFIED BY LABORATORY BY VINCERT ****