

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 : 30 - 60 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	31.00	0.850	20	0.000	0.000
Al ₂ O ₃	21.60	0.600	30	0.520	0.52
Fe ₂ O ₃	38.85	0.425	40	16.540	17.06
MgO	7.40	0.300	50	58.680	75.74
CaO	0.60	0.250	60	12.200	87.94
TiO ₂	0.55	0.212	70	7.800	95.74
MnO		0.180	80	3.000	98.74
Na ₂ O		PAN		1.260	100.00
K ₂ O					

Physical Analysis

Specific Gravity : 4.10	Colour : red-pink
Conductivity : 15 mS/m	Grain Shape : Sub angular
Chloride : 19.00 ppm	Toxic substances : None
Hardness : 7.30	Moisture : 0.10 %
Acid Solubility(hel) : <1.0%	Bulk Density : 2.40 g/cm ³

Mineral Composition % by Weight

Garnet : 98.00%

Quartz : 00.50%

Others : 01.50%

Sample Taken by : Dev International**Authorised 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 ****