



V.V. MINERAL

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STANDARD GRADE ZIRCON SAND

Version : V 3.0

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Typical Chemical Analysis

Elements	Guaranteed	Typical
ZrO ₂ + HfO ₂	65 % Min	65.8%
TiO ₂	0.25 % Max	0.17 %
Fe ₂ O ₃	0.15% Max	0.07%
U (ppm)	350 Max	306 ppm
Th (ppm)	250 Max	180 ppm
Al ₂ O ₃	1.2% Max	0.92%
P ₂ O ₅	0.1 % Max	0.06%

Typical Sieve Analysis

Mesh	MM	Retained % Range
30	0.600	Nil
40	0.425	< 1%
50	0.300	1~5%
60	0.250	4 ~ 7%
70	0.212	10 ~ 20%
80	0.180	10 ~ 20%
100	0.150	25 ~ 40%
120	0.125	25 ~ 35%
140	0.106	2-8%
-140	- 0.106	< 3%

Typical Mineralogy

Mineral	Typical
Zircon	99.05%
Rutile	0.2%
Sillimanite	0.75%

* Zircon being a natural product, its analysis is expected to vary periodically and between deposits