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ZIRCON PREMIUM

Version : V 3.5

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Chemical Analysis Report

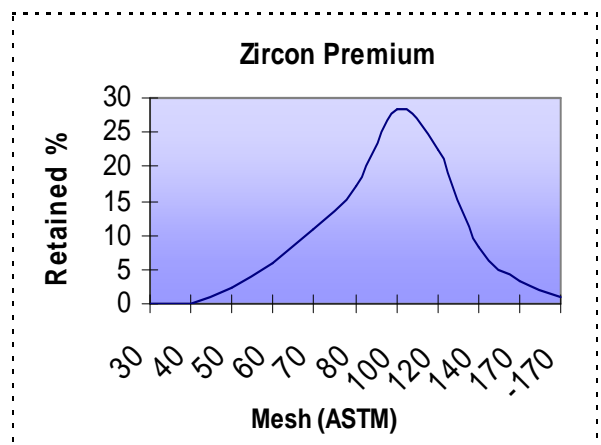
Elements	Guaranteed	Typical
ZrO ₂ +HfO ₂	66.00 % Min	66.28 %
TiO ₂	00.15 % Max	0.120 %
Fe ₂ O ₃	00.10 % Max	0.070 %
SiO ₂	32.70 % Max	32.55 %
Al ₂ O ₃	01.00 % max	0.510 %
V ₂ O ₅	00.02 % Max	0.010 %
P ₂ O ₅	00.10 % Max	0.070 %
U (ppm)	300 Max	306 ppm
Th (ppm)	200 Max	132 ppm

Mineralogical Report

Elements	Guaranteed	Typical
Zircon	98.50 % Min	99.03 %
Rutile	00.20 % Max	00.12 %
Sillimanite	01.20 % Max	00.74 %
Quartz	00.30 % max	00.11 %

Particle Size Analysis Report

MM	Mesh	Guaranteed Retained %	Typical Retained %
0.600	30	Nil	0
0.425	40	< 1	0.02
0.600	50	1 ~ 5	2.41
0.250	60	1 ~ 10	5.88
0.212	70	5 ~ 15	10.99
0.180	80	10 ~ 25	17.20
0.150	100	20 ~ 40	28.47
0.125	120	15 ~ 40	22.53
0.106	140	4 ~ 15	8.20
0.090	170	0 ~ 5	3.20
	-170	< 3	1.10



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