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ZIRCON STANDARD

Version : V 3.5

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Chemical Analysis Report

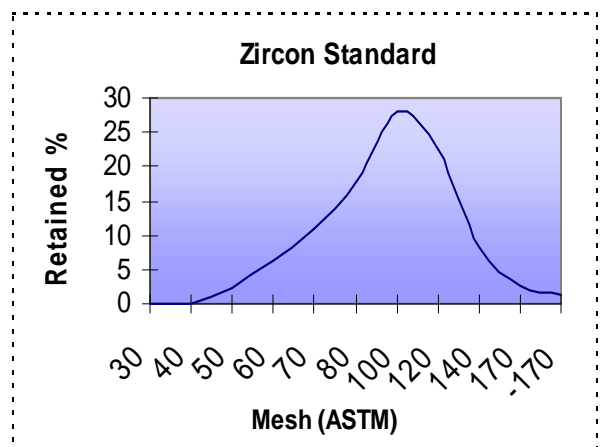
Elements	Guaranteed	Typical
ZrO ₂ +HfO ₂	65.00 % Min	65.77 %
TiO ₂	00.25 % Max	00.18 %
Fe ₂ O ₃	00.10 % Max	00.08 %
SiO ₂	32.70 % Max	32.50 %
Al ₂ O ₃	01.50 % max	01.10 %
V ₂ O ₅	00.02 % Max	0.010 %
P ₂ O ₅	00.10 % Max	0.070 %
U (ppm)	300 Max	312 ppm
Th (ppm)	200 Max	152 ppm

Mineralogical Report

Elements	Guaranteed	Typical
Zircon	97.50 % Min	98.02 %
Rutile	00.30 % Max	00.22 %
Sillimanite	02.00 % Max	01.64 %
Quartz	00.20 % max	00.12 %

Particle Size Analysis Report

MM	Mesh	Guaranteed Retained %	Typical Retained %
0.600	30	Nil	0.0
0.425	40	< 1	0.02
0.600	50	1 ~ 5	2.24
0.250	60	2 ~ 10	6.20
0.212	70	5 ~ 20	10.78
0.180	80	10 ~ 25	17.90
0.150	100	20 ~ 40	27.88
0.125	120	15 ~ 35	22.58
0.106	140	2 ~ 15	8.40
0.090	170	0 ~ 5	2.80
	Pan	< 3	1.20



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