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RUTILE

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Typical Chemical Analysis

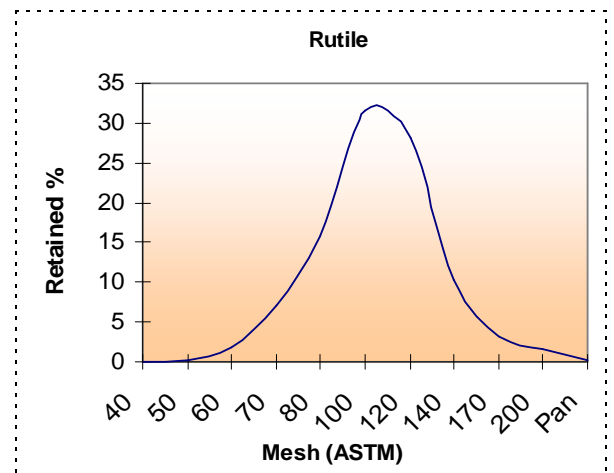
Elements	Guaranteed	Typical (%)
TiO ₂	94.00 % Min	95.23
Fe ₂ O ₃	00.70 % Max	00.38
SiO ₂	01.50 % Max	00.94
ZrO ₂ +HfO ₂	02.00 % Max	01.42
SO ₃	00.02 % Max	0.001
Al ₂ O ₃	00.40 % Max	00.21
V ₂ O ₅	00.60 % Max	00.48
P ₂ O ₅	00.03 % Max	0.012
U	150 ppm Max	94 ppm
Th	200 ppm Max	120 ppm

Mineralogical report

Minerals	Guaranteed	Typical (%)
Rutile	95.00 % Min	97.20
Zircon	03.00 % Max	02.12
Leucoxene	00.70 % Max	00.50
Sillimanite	00.30 % max	00.18

Particle Size Analysis report

Mesh	MM	Guaranteed (%)	Typical (%)
40	0.425	< 1	0.0
50	0.300	0 ~ 3	0.16
60	0.250	0 ~ 4	2.10
70	0.212	3 ~ 15	7.80
80	0.180	10 ~ 25	15.70
100	0.150	25 ~ 40	31.44
120	0.125	20 ~ 35	27.80
140	0.106	5 ~ 20	10.16
170	0.090	0 ~ 10	3.26
200	0.075	0 ~ 5	1.42
Pan		0 ~ 3	0.16



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