

Zircon Concentrate



GENERAL SPECIFICATION

CHEMICAL ANALYSES

ZrO₂	Typical	14 - 22
U+Th (ppm)	Typical	800 - 1600
Fe₂O₃	Typical	4 - 15
TiO₂	Typical	15 - 30
Al₂O₃	Typical	6 - 12
CaO	Typical	0.40 - 1.50
MgO	Typical	0.8 - 5.0
P₂O₅	Typical	0.2 - 0.6
SiO₂	Typical	30 - 40
Specific Activity ¹ (Bq/g)	Typical	6.0 - 9.0

Mineral Assemblage

Zircon	Typical	22 - 31
Rutile	Typical	13 - 16
Ilmenite	Typical	3 - 5
Monazite	Typical	0.5 - 1.5
Garnet	Typical	16 - 20
Quartz	Typical	26 - 36
Others	Typical	3 - 5

¹Specific Activity is calculated from the Th & U assay

All analytes and minerals are reported on an "as-received" basis and as wt% unless otherwise stated

Product Notes

Zircon Concentrate is produced at Sierra Rutile Limited's Sierra Leone operations.

Zircon Concentrate is a natural product and as such variance in the chemical analysis and mineralogical composition may be expected.

Special contracts covering guarantees other than those specified may be negotiated.

Other information

See www.iluka.com for Material Safety Data Sheets

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