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## CHEMICAL ANALYSIS OF RUTILE SAND

### Guaranteed Chemical Analysis

TiO<sub>2</sub> 90% Minimum  
Other guarantees for specific elements are subject to discussion for individual contracts.

### Typical Chemical Analysis

TiO <sub>2</sub>	92.5
Fe <sub>2</sub> O <sub>3</sub>	2.10%
ZrO <sub>2</sub>	2.02%
Al <sub>2</sub> O <sub>3</sub>	0.41%
SiO <sub>2</sub>	2.05%
Cr <sub>2</sub> O <sub>3</sub>	0.13%
P	0.03%
S	0.01%
Sn	516 ppm
Th	36 ppm
U	37 ppm
Parent Activity of Thorium + Uranium	0.6 Bq/g
Moisture	0.14

### Typical Size Distribution

Screen Aperture Microns	% Weight	Cumulative WT%	
		Retained	Passing
+300	<0.1	0.0	100.0
+250	<0.1	0.0	100.0
+212	<0.1	0.0	100.0
+180	<0.1	0.0	100.0
+150	0.3	0.3	99.7
+125	2.9	3.2	96.8
+106	25.2	28.4	71.6
+90	46.1	74.4	25.6
+75	22.0	96.4	3.6
-75	3.4	99.9	-

Standard Packing 2000 Kgs. Bags.

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