



Zirconium Tetrachloride Reactor Grade (RG)

TYPICAL ANALYSIS

Table 1. Typical Chemistry (On Zr metal basis ppm except where noted, insolubles on total sample basis.)		
Element		Analysis
Hf	Hafnium	50-100
Al	Aluminum	50-100
Fe	Iron	500-1000
Si	Silicon	<25-100
Ti	Titanium	<50-200
	Insoluble	<0.2%

FORMULA

ZrCl₄

FORMULA WEIGHT

233.03

DESCRIPTION

A tan, free-flowing, anhydrous powder.

NOMINAL PURITY

99.8-99.9% (Zr+Hf) Cl₄

BULK DENSITY

Nominally 70 - 100 lbs/ft³

PACKAGING

Double plastic bags inside polyethylene containers.

HANDLING

This compound reacts immediately with water and water vapor to release hydrochloric acid fumes. Avoid personal contact. Store in a dry area. In case of spillage, sweep up dry material as much as possible, flush with copious quantities of water. See MSDS for further information.