

## CERTIFICATE OF ANALYSIS

CERTIFIED REFERENCE MATERIALS

№ F27/2

## FERROSILICOZIRCONIUM

CERTIFIED VALUES AND UNCERTAINTIES (95% confidence level), %

Zirconium, Zr	51.5 ± 0.1	Carbon, C	0.111 ± 0.004
Silicone, Si	26.1 ± 0.1	Phosphorus, P	0.044 ± 0.002
Aluminum, Al	7.48 ± 0.05	Copper, Cu	1.47 ± 0.02
Titanium, Ti	0.215 ± 0.007		

**ADDITIONAL DATA:** Powder, less than 0.16mm.  
 Minimum weight of sample for analysis is 0.1g  
 Approximate value of mass fraction: Fe 12% and S <0.001%  
 Analytical methods used are given in Supplement.

**Producer:** The Institute for Certified Reference Materials, Yekaterinburg

**Date of issue:** September, 2014.

**Storage and transporting conditions:** It is prohibited to storage the CRM in moist and foggy indoor places and to transport it by sea or river ships.

It is hereby certified that the named CRM has been approved by the National Committee on Standards and Metrology and entered in the National Register of measuring devices which had passed official testing.

Director, ICRM-Center

Alexander V. Lipsky