

HRT Labortechnik GmbH, Germany

Certificate of Analysis

HRT 530-033

Reference Material for Cast Iron

	Certified Value	Estimate of Uncertainty
C	3,33 %	+/- 200 ppm
S	0,011 %	+/- 6 ppm

Cast iron powder has been prepared with an average grain size of 300 µm.
Grain size distribution is approximately:

<u>µm</u>	<u>% fraction</u>
> 500	< 1
160 – 500	70
45 – 160	28
< 45	2

Five different laboratories were employed to analyse the cast iron powder for certification. Carbon and Sulphur values certified are representing the statistical averages of the different results.

This is a secondary standard reference material and should be verified against a primary standard.

Certified by: _____ on June 1, 2010

Dirk Toewe

Certificate Number 530-033/0610