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**Certificate of Analysis
Part No. B2750
Carbon Steel Chip Standard**

Certificate Number 2950
Date 18 April 2013
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% Carbon = 0.176 +/- 0.002
%Sulphur = 0.024 +/- 0.001
%Nitrogen = 0.0087 +/- 0.0004

Round Robin Results

Lab Number	% Carbon	%Sulphur	%Nitrogen
1	0.174	0.024	0.0087
2	0.178	0.024	0.0083
3	0.176	0.023	0.0091
4	0.175	0.024	0.0090
5	0.177	0.025	0.0084

Methods

ASTM E 1019

Carbon & Sulphur...Combustion/IR Detection

Nitrogen.....Carbofusion

Standards employed:

NIST SRM 8j, 12h, 100b

Notes

This is a certified reference material (CRM) and should be verified, prior to use, against a primary standard material provided by a governing agency such as NIST, when available.

Remedies for any claimed defect in this product will be limited to product replacement or refund of the purchase price. In no event shall Elemental Microanalysis Ltd be liable for incidental or consequential damages.

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Lot number 1018C