
**Steel — Macrographic examination by
sulphur print (Baumann method)**





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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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This document was prepared by Technical Committee ISO/TC 17, *Steel*, Subcommittee SC 7, *Methods of testing (other than mechanical tests and chemical analysis)*.

This second edition cancels and replaces the first edition (ISO 4968:1979), which has been technically revised.

The main changes are as follows:

- in the Scope, the applicable steels for this method are specified as from 0,005 % to 0,40 %, and this method may also be applied to cast irons;
- type and concentration of recommended reagents have been explicitly specified for steels with different sulphur content, respectively, to improve test effect and efficiency;
- method to remove extra acid solution and bubbles, and method to drain have been added in detail;
- classification of test results as positive segregation, negative segregation and central segregation, with examples in Annex, has been added.

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