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Fe Si for checking the argon system, SUS CAL0, Disc 50 mm x 30 mm

Art. ID	SUS-C-Al-0-30MM
Unit	disc
Deliverydetails	No Dangerous Good /not restricted

Description

For the medium - voltage discharges in an argon atmosphere commonly used today for metal
analyses, the quality of the discharge space (spark chamber) with respect to freedom from
oxygen and water is of critical importance for a reliable analysis.
Testing of the quality of the discharge space (including argon) can be based on the appearance
of the burn spot and the intensities of the reference lines for check samples for FeSi and AlSi
compared with the pure metals (RE 12, RE 13 and RA 10).
The following minimum intensities must be obtained for the check sample CFe 0 (FeSi) with
HEPS/spark-like discharge (with or without hydrogen in the argon) compared with the pure
metal sample:
Fe 1877 > 60%, Fe 2730 > 70%, Fe 2813 or 3608 > 80%
For the check sample CAl 0 (AlSi) the following minimum intensity must be obtained with
HEPS/spark-like discharge (without hydrogen in the argon) compared with the base metal
sample:
Al 3059 > 70%