

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

Art. ID	SUS-C-AI-0-50MM
Unit	disc
Delivery details	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 CAI 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%