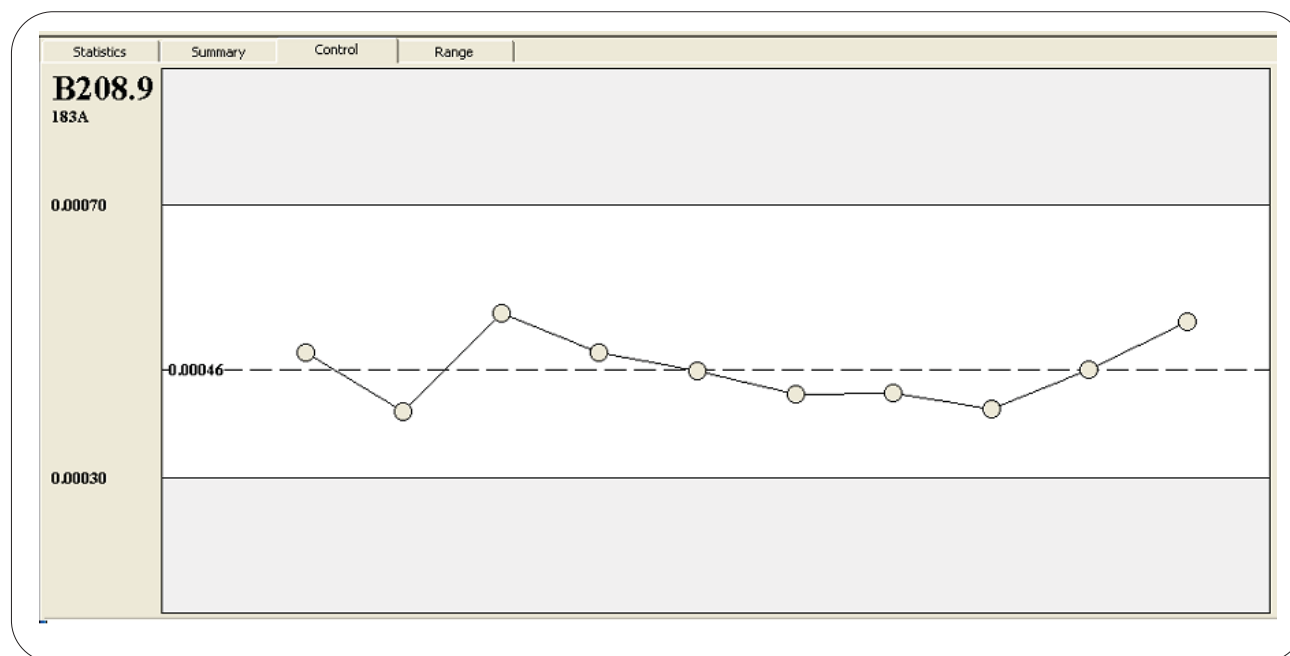


Analysis of Boron in Low-Alloy Steel

GDS Applications Lab • LECO Corporation, Saint Joseph, Michigan USA



Screen shot demonstrating the control charting ability of the GDS500A. Upper and lower limits were automatically calculated by the software at 2σ .

Table 1. Ten individual analyses of CKD 183A; results in ppm ($\mu\text{g/g}$).

	B (ppm)
RUN#1	4.8
RUN#2	4.0
RUN#3	5.4
RUN#4	4.8
RUN#5	4.5
RUN#6	4.2
RUN#7	4.2
RUN#8	4.0
RUN#9	4.6
RUN#10	5.3
AVERAGE	4.6
Std. Dev.	0.5
Certified Value	5 ± 1

Parameters

Grimm-Style 4 mm lamp

Voltage: 1250 V

Current: 45 mA

For questions on this analysis, e-mail us at:
info@leco.com

For a complete listing of snapshots and performance notes, visit us on the web at www.leco.com in the Spectroscopy section of the Applications Library.

