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**Committee E01 on Analytical Chemistry for Metals, Ores, and Related
Materials**
Subcommittee E01.06 on Ti, Zr, W, Mo, Ta, Nb, Hf, Re

Research Report: E03-0076

**Interlaboratory Study to Establish Precision Statements for ASTM
E120, Test Methods for Chemical Analysis of Titanium and Titanium
Alloys**

ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

October 1968

Committee E-3, Division M

Palladium in Titanium

1-Nitroso-2-Naphthol Photometric Method

Sample
Ti--B 337 and B 338,
Grades 7 and 8

<u>Lab</u>	<u>X, %</u>	<u>Y, %</u>
1	0.182	0.192
2	0.188	0.185
3	0.184	0.187
4	0.187	0.190
5	0.182	0.181
6	0.175	0.190
7	0.182	0.177
8	0.190	0.180
9	0.181	0.187
Avg	0.183	0.185

Estimate of
Repeatability, R_1

0.018

Estimate of
Reproducibility, R_2

0.015