Certificate

ICTA Certified Reference Materials
for Thermogravimetry

certified by the
INTERNATIONAL CONFEDERATION FOR THERMAL ANALYSIS

and distributed by the
United States National Bureau of Standards
as
GM-761

This certificate describes the testing and evaluation program of these Certified Reference Materials (CRM). It also provides an analysis of the data and their relation to the mechanical design of the balance as an aid to the user of the CRM in interpretation of his own data.

The mean values for the defined points are given in table 2.

The overall and participant means for the several materials are given in tables 2-6.

Comparisons by instrument type are given in tables 10-14.

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380-LA-014

TABLE 16

Investigator Means and Spans For a
Single Model of Top-Loading Balance

Permanorm 3	T_1	T_2	T_3
	251°C	258°C	266°C
	248	253	259
	252	255	260
	242	255	264
Span	9°	5°	7°
Nickel	353°C	357°C	358°C
	351	355	359
	352	353	355
	350	352	352
Span	3°C	5°C	7°C
Mumetal	378°C	380°C	380°C
	373	382	390
	376	385	390
	376	381	385
Span	5°	5	10
Permanorm 5	448°C	450°C	455°C
	447	458	462
	451	454	461
	454	458	464
Span	7°	8°	9°
Trafoperm	760°C	763°C	766°C
	748	750	751
	755	756	757
	752	759	762
Span	12	13	15