1,2-*p*-nitrobenzylidene glycerol and 1,1′-*p*-nitrobenzylidene glycerol, into an equilibrium mixture has been shown.

CANADIAN PULP AND PAPER RESEARCH INSTITUTE
MONTREAL, CANADA

NOTE

A Temperature Regulator for Carius Furnaces.—The constant attention necessary to regulate the temperature of an ordinary gas-fired Carius furnace may be avoided by equipping it with a thermostat used to control the temperature of ovens on gas cooking stoves. Such a thermostat[1] is very easily installed, inexpensive and is accurate to about 5°. The approximate range of the device is 100–325°.

The only precaution to be observed is not to turn the burner on full if, for example, a temperature of 100° is required, for the heat from the walls of the furnace will raise the temperature above 100° even after the thermostat has reduced the flame. The burner should be turned on approximately as it would be if no regulator were being used.

Thermostats of this type should be satisfactory for controlling the temperature of other gas-fired furnaces used in chemical work.

CONTRIBUTION FROM THE
SCHOOL OF CHEMISTRY
UNIVERSITY OF MINNESOTA
MINNEAPOLIS, MINNESOTA
G. B. HEISIG

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ADDITIONS AND CORRECTIONS

1922, VOLUME 44

The System Fe_2O_3–SO_3–H_2O, by E. Posnjak and H. E. Merwin.

P. 1984. In line 19 from the bottom read 1.681 instead of 1.618.

1927, VOLUME 49

Substituted O-Alkyl Hydroxylamines Chemically Related to Medicinally Valuable Amines, by Lauder W. Jones and Randolph T. Major.

The authors write as follows: "On p. 1531, line 9, the statement, 'Although O-methylhydroxylammonium chloride has been known for some time, the properties of the free base have not been described.' This statement is incorrect since the free base has been prepared by Traube and others, as described in *Ber.*, **53**, 1485 (1920). This reference was accidentally overlooked. On p. 1486 of the article by Traube, the preparation of methoxy-urea was also described. However, no analysis of the compound was given and the melting point ascribed to it, 82–83°, was lower than that found for it by us and given on p. 1537, line 17, of our article. On p. 1533, line 27, the statement is found, 'Pure formyl *p*-nitrophenylhydrazone forms red crystals;' this should be, 'Pure formaldehyde-*p*-nitrophenylhydrazone forms yellow crystals.' The heading '*α*-Alkyl-*β*-methoxythiourea' near the top of p. 1539 should be '*α*-Allyl-*β*-methoxythiourea.' In the next line the work 'alkyl' should be 'allyl.'"

[1] Supplied by the Kraus Mfg. Co.