

## NOTES.

*Notes upon the Constants of Some Little Known Oils.—*

Specific gravity at 22°.

Oil of nigella .....	0.9093
Oil of boldo leaves .....	0.9189
Oil of matico .....	1.1205
Oil of cascarilla .....	0.9116
Oil of milfoil .....	0.9217
Oil of wildmint .....	0.9942 at 20°.

Refractive index at 24° (sodium flame).

Oil of nigella .....	1.494
Oil of boldo leaves .....	1.471
Oil of matico .....	1.513
Oil of cascarilla.....	1.485
Oil of galanga .....	1.472
Oil of wildmint .....	1.487
Oil of milfoil .....	1.486

Taken with a Bertrand refractometer.

*Solubility of the Oils in 80 Per Cent. Alcohol at 22°.*

Oil of nigella not perfectly clear in 23 parts of alcohol by volume.

Oil of boldo leaves soluble in 1 or even less volumes.

Oil of matico soluble in 3½ to 4 parts by volume.

Oil of cascarilla, solution not perfect in 20 volumes.

Oil of wildmint soluble in about 1½ volumes.

The oil of wildmint rotates the plane of polarized light to the right 12.59° at 21.7°.

The quantity of these oils was very slight so that no chemical examination could be made. They were distilled by Schimmel & Co., and obtained from Fritsche Brothers, their representatives in the United States.

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## NEW BOOKS.

WATER SUPPLY (Considered principally from a sanitary standpoint). By WILLIAM P. MASON. Third edition. Rewritten. 448 pp. New York: John Wiley & Sons. Cloth. Price, \$4.00.

The first edition of this extremely useful book appeared in 1896 and was noticed at length in this Journal. The chapters relating