

AOAC Official Method 900.02

Ash of Sugars and Syrups

First Action 1900
Final Action

A. Method I
—*Surplus 1989*

See 31.012, 14th Ed.

B. Method II
—*Surplus 1989*

See 31.013, 14th Ed.

C. Sulfated Ash

Weigh 5 g test portion into 50-100 mL Petri dish, add 5 mL 10% (by weight) H_2SO_4 , heat on hot plate until product is well carbonized, and then ash in furnace at ca 550°C. Cool, add 2-3 mL 10% H_2SO_4 , evaporate on steam bath, dry on hot plate, and again ignite at 550°C to constant weight. Express result as percent sulfated ash.

D. Soluble and Insoluble Ash
—*Surplus 1989*

See 31.015, 14th Ed.

E. Alkalinity of Soluble Ash
—*Surplus 1989*

See 31.016, 14th Ed.

F. Alkalinity of Insoluble Ash
—*Surplus 1989*

See 31.017, 14th Ed.

G. Mineral Adulterants in Ash

—First Action

—Surplus 1989

See **31.018**, 14th Ed.

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