

33.5.02**AOAC Official Method 927.05
Moisture in Dried Milk****First Action 1927****Final Action**

Weigh 1–1.5 g test portion into round, flat-bottom metal dish (≥ 5 cm diameter and provided with tight-fitting slip-in cover). Loosen cover and place dish on metal shelf (dish resting directly on shelf) in vacuum oven at 100°C. Dry to constant weight (ca 5 h) under pressure ≤ 100 mm (4 in.) of Hg. During drying, admit slow current of air into oven (ca 2 bubbles/s), dried by passing through H₂SO₄. Stop vacuum pump and carefully admit dried air into oven. Press cover tightly into dish, remove from oven, cool, and weigh. Calculate % loss in weight as moisture.

References: *JAOC* **10**, 308(1927); **11**, 289(1928).