



>>Entry Name: Aluminium monoacetate dihydroxide

Synonym(s): Aluminium bis(hydroxide) acetate. Aluminium bis(hydroxide) ethanoate. Aluminium acetate hydroxide‡

CAS Registry Number: 7360-44-3

$\text{Al}(\text{OH})_2\text{OAc}$

Molecular Formula: $\text{C}_2\text{H}_5\text{AlO}_4$

Molecular Weight: 120.041

Accurate Mass: 120.000324

Percentage Composition: C 20.01%; H 4.20%; Al 22.48%; O 53.31%

Source/Synthesis: Synth. from $\text{Al}_2(\text{SO}_4)_3$, AcOH and CaCO_3

Use/Importance: Used in pharmaceutical industry as detergent, antiseptic, and astringent. With AcOH, constitutes *Burow's soln.*

Physical Description: White solid

Aldrich: 29485-3

Sigma: A0317

References:

The United States Dispensatory and Physicians' Pharmacology, 26th edn., J.B. Lippincott, 1967, 47

Kirk-Othmer Encycl. Chem. Technol., 4th edn., Wiley, 1991, **2**, 273

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 1335