

Aluminium Oxide Chromatography

Cat. No. Aluminium Oxide-40AC **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Generally aluminium oxide is another stationary phase well-known adsorbent, used in chromatography for less polar compounds. Aluminium oxide powder is a white to off white, fine and grained powder with highly porous from alumina. Its surface is extra polar than that of silica gel and reflecting the amphoteric nature of aluminium, has both basic and acidic features. Aluminium oxide chromatography attributes are determined by its specific (internal) surface area measured by the BET Method, it means pore diameter, and its pore volume, the last mentioned two being in relative to the specific surface area.

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Description

We are manufacturing 100% pure and highest quality of activated alumina powder with controlled physical characteristics for reproducible chromatographic performance. In chromatographic process, analytical and preparative chromatography using aluminium oxide 100-300 mesh and 200-400 mesh grade size for organic chemical compound separation and purification.

Storage Storage Conditions: Store in a dry room. Prevention against water, acid and alkalis.

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