

Sino-Aluminas Ltd

37 Sunmead Road, Sunbury, Middlesex, UK

Medical-Grade Aluminium Hydroxide Technical Datasheet

Product Typical COA

Product Name	Dried Aluminium Hydroxide Gel	Batch Quantity	3003.0 kg
Batch No.	22050501	Package	By Net 20kg bag
Manufacture Date	May-12-2022	Expiry Date	May-11-2025
Standard	USP41	Date of Analysis	May-18-2022

Items	Specifications	Results
1, Description	White, odourless, tasteless amorphous powder	Passed
2, Identification	A: Infrared Absorption B: The solution responds to the test for aluminium	Passed Passes
3, Acid-neutralising capacity	Not less than 25.0 mEq	30.8 mEq
4, PH (4% aqueous suspension)	Not more than 10.0 (PH)	7.8
5, Chloride	Not more than 0.85%	Passed
6, Sulfate	Not more than 0.6%	Passed
7, Arsenic	Not more than 8.0 ppm	Passed
8, Heavy metal	Not more than 0.006%	Passed
9, Assay as Al(OH)₃	Not less than 76.5%	80.8%
10, Microbial contamination 1. Total viable count 2. Enterobacteria 3. Escherichia Coli 4. Certain other gram-negative	Not more than 10000 cfu/gram Negative Negative Negative	Passed Negative Negative Negative
Conclusion	The results conform to the USP41 Specification	

Application: commonly used as the main component of compound preparations for gastrointestinal anti-acid drugs that used to treat heartburn, upset stomach, sour stomach, or acid indigestion. Chemical industry is used for catalyst carrier, colorant, stabilizer etc. Food industry is used for the production of food additives.