

US Pharmacopeia

DRIED ALUMINUM HYDROXIDE GEL USP

Dried Aluminum Hydroxide Gel is used for antacid and peptic ulcer treatment. It is also used for reducing adverse effect by the combination of drugs like antipyretic analgesics, anti-rheumatic drug which cause a stomach disorder. Also, because of its neutral pH, it hardly affects to interaction with main drug nor deactivation of main drug. Fine particle grade called Fine Mesh is used for raw material of suspension drug.

【Grade】 S-100

【Specification】

Item	US Pharmacopeia	Typical Analysis
		S-100
Description and Solubility	USP	conforms
Identification	USP	conforms
pH	10.0 max.	passes test
Chloride (%)	0.85 max.	passes test
Sulfate (%)	0.6 max.	passes test
Arsenic (ppm)	8 max.	passes test
Acid-neutralizing capacity (mEq/g)	25.0 min.	30.4
Assay for Al(OH) ₃ (%)	76.5 min.	83.3

【Properties】

Item	Grade	Typical Analysis
		S-100
Bulk volume (mL/g)		3.67
Repose angle (°)		45
Particle size	800μm on (%)	0
	500μm on (%)	0
	75μm pass (%)	79.4