

Product Specifications

Product Number P81996

1	Aluminium chlorohydrate solution 30% (W/W)	
	Appearance	Clear to yellowish hazy liquid
	Specific Gravity	1.33 to 1.35
	pH of 30% (w/w)	3.5 to 4.5
	Aluminum (Al)	12.2 to 12.7%
	Aluminium as (Al ₂ O ₃)	23 to 24%
	Chloride (Cl)	7.9 to 8.4%
	Iron (Fe)	300ppm max
	Arsenic (As ₂ O ₃)	2ppm max
	Lead (Pb)	10ppm max

2	Aluminum Chlorohydrate	
	Synonyms	Aluminum chlorohydroxide, Aluminum hydroxychloride
	MF	Al _y (OH) _{3y-z} Cl _z .H ₂ O
	CAS No	Dihydrate [] & Anhydrous [1327-41-9]

	Appearance	Off-white to Slight yellow Powder
	Aluminum (Al)	23.5 - 27.5%
	Chloride (Cl)	15.5 – 18.5%
	Al:Cl atomic ratio	1.91:1 to 2.10:1
	pH (15% w/w)	4.0 – 4.8
	Odor	Odorless

3	Aluminum Chlorohydrate USP Grade	
	Synonyms	Aluminum chlorohydroxide, Aluminum hydroxychloride
	MF	$Al_3(OH)_3Cl_3 \cdot H_2O$
	CAS No	Dihydrate [12042-91-0] & Anhydrous [1327-41-9]
	Appearance	Off-white to Slight yellow Powder
	Identification	A solution (1 in 10) responds to the tests for Aluminum and for Chloride
	pH	between 3.0 and 5.0, in a solution [15 in 100 (w/w)]
	Arsenic (As)	2 microgm/gm
	Heavy metals	0.002%
	Iron (Fe)	Pass the test (150 microgm/gm)
	Content of aluminum (Al)	Pass the test
	Content of chloride (Cl)	Pass the test
	Al:Cl atomic ratio	1.91:1 to 2.10:1