

Product Specification

ALUMINIUM CHLORIDE ANHYDROUS GROUND

PRD-No.: 30041207

1. General

This product is produced by BASF SE, Ludwigshafen, Germany. BASF SE, Ludwigshafen, Germany is certified according to ISO 9001.

Appearance:	White to slightly yellow or grey hygroscopic material
Chemical Name:	Aluminium Chloride, AlCl ₃
CAS-Nr.:	7446-70-0
EINECS-Nr.:	231-208-1

2. Properties

Parameter	Unit	Specification	Test method
AlCl ₃	g/100 g	min. 99.0	calculated
Insolubles	g/100 g	max. 0.1	Gravimetry
Non volatiles	g/100 g	max. 1	Gravimetry
Al (total)	g/100 g	min 20.0	ICP-OES
Cl	g/100 g	min. 79.0	Potentiometric Titration
Al (free)	mg/kg	max. 150	Volumetry
Fe	mg/kg	max. 100	ICP-OES
Zn	mg/kg	max. 30	ICP-OES
Ni, Pb (each)	mg/kg	max. 20	ICP-OES
Cu, Cr (each)	mg/kg	max. 10	ICP-OES

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived therefrom.