



Spezifikation

Produktbezug:	
Produktnummer	20470
Handelsname / Bezeichnung	Aluminiumchlorid-6-hydrat
CAS Nummer	7784-13-6
Andere Bezeichnungen / Synonyme	•Aluminium chloride hexahydrate; •Aluminiumchlorid-6-hydrat; •Aluminiumchloridhexahydrat; •Aluminum chloride (AlCl ₃), hydrate (1:6);
EG Nummer	616-520-1
Zolltarifnummer / CN- Code	28273200

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen der Lösung		klar und farblos	
Physikalische Parameter			
Trocknungsverlust	Karl Fischer	42,0 – 48,0	%
pH-Wert	5% / 20°C	2,5 – 3,5	
Identifikation			
Gehalt		97,0 – 101,0	%
Gehalt	ber. auf H ₂ O-freie Substanz	95,0 – 102,0	%
Verunreinigungen			
Ammonium		≤ 0,01	%
Freies Alkali (Ca(OH) ₂)		≤ 0,5	%
Schwermetalle (als Pb)		≤ 10	ppm
Sulphat (SO ₄)		≤ 100	%
Restlösemittel			
Restlösemittel		entspricht	
Elementare Verunreinigungen			
Arsen (As)		≤ 0,0004	%
Calcium (Ca)		≤ 0,02	%
Eisen (Fe)		≤ 10	ppm
Kalium (K)		≤ 0,01	%
Magnesium (Mg)		≤ 0,01	%
Natrium (Na)		≤ 0,1	%

Zusätzliche Angaben:

Entspricht der Monographie: Ph.Eur.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 13. Oct. 2020

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