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Product Specification

Product Name:
Aluminum chloride hexahydrate – meets EP, BP, USP testing specifications

Product Number: A0718
CAS Number: 7784-13-6
MDL: MFCD00149134
Formula: $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$
Formula Weight: 241.43 g/mol

TEST	Specification
Water (by Karl Fischer)	42.0 - 48.0 %
Assay	95.0 - 102.0 %
Androus basis, USP	
Identity	Pass
Appearance of Solution	Pass
Sulfate	Pass
Alkalies and Alkaline Earths	Pass
< /= 0.5%	
Heavy Metals	Pass
< or = 0.002%	
Iron (Fe)	Pass
< or = 0.001%	
Sulfate	< 100 ppm
Assay	95.0 - 101.0 %
EP	
Residual Solvents USP 467	Meets Requirements

Specification: PRD.2.ZQ5.10000031275

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.