

Certificate of Analysis



Catalog Number: 9.04108.128
Batch Number: 20100117
Product Name: Aluminum chloride crystal
Product Grade: Analytic Reagent(AR)
Molecular Formula: $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$
Molecular Mass: 241.43
Test Date: 2010-01-17

Test Items	Specifications	Test Values
Assay($\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$)	min97.0%	97.4%
Reaction in water solution	Passes test	Passes test
Appearance of solution	Passes test	Passes test
Insoluble matter in water	max0.025%	0.025%
Sulfate(SO_4)	max0.01%	0.005%
Ammonium(NH_4)	max0.002%	0.001%
Iron(Fe)	max0.001%	0.0005%
Heavy metals(as Pb)	max0.0005%	0.0003%
Alkali metals and alkali earth metals(as sulfate)	max0.2%	0.2%

Laboratory QC Manager

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