

Certificate of Analysis



Catalog Number: 9.01763.228
Batch Number: 20091228
Product Name: Potassium hydroxide
Product Grade: Analytic Reagent(AR)
Molecular Formula: KOH
Molecular Mass: 56.11
Test Date: 2009-12-28

Test Items	Specifications	Test Values
Assay(KOH)	min82.0%	91.6%
Carbonate(as K_2CO_3)	max1.5%	0.16%
Appearance of solution	max4	4
Chloride(Cl)	max0.01%	0.005%
Sulfate(SO_4)	max0.005%	0.003%
Total nitrogen(N)	max0.001%	0.0005%
Phosphate(PO_4)	max0.005%	0.003%
Silicate(SiO_3)	max0.02%	0.01%
Sodium(Na)	max2.0%	0.4%
Aluminum(Al)	max0.005%	0.003%
Calcium(Ca)	max0.005%	0.003%
Iron(Fe)	max0.001%	0.0005%
Nickel(Ni)	max0.0005%	0.0003%
Heavy metals(as Pb)	max0.002%	0.001%

Laboratory QC Manager

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