

Certificate of Analysis



Catalog Number: 9.17113.513
Batch Number: 20100108
Product Name: Ethanol absolute
Product Grade: Analytic Reagent(AR)
Molecular Formula: C_2H_6O
Molecular Mass: 46.07
Test Date: 2010-01-08

Test Items	Specifications	Test Values
Assay(CH_3CH_2OH)	min99.7%	99.9%
Density(20°C)	0.789~0.791g/ml	0.790g/ml
Mixing test with water	Passes test	Passes test
Residue after evaporation	max0.001%	0.0004%
Acidity(as H+)	max0.04mmol/100g	0.015mmol/100g
Alkalinity(as OH-)	max0.01mmol/100g	ND
Water(H_2O)	max0.3%	0.06%
Methanol(CH_3OH)	max0.05%	0.002%
Isopropyl alcohol [$(CH_3)_2CHOH$]	max0.01%	ND
Carbonyl compounds(as CO)	max0.003%	0.002%
Readily carbonizable substances	Passes test	Passes test
Substances reducing potassium permanganate(as O)	max0.00025%	0.00025%

Laboratory QC Manager

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