



CERTIFICATE OF ANALYSIS

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FOR LABORATORY USE ONLY—READ MSDS PRIOR TO USE.

Cat. No.: 36236, 36336, 36244, 36252 Lot No.: A026988

Description: 0.1 g/dL Ethanol Standard

Expiration Date¹: August 2007 Storage: Refrigerate

Elution Order	Compound	CAS#	Percent Purity ³	Certified Concentration (g/dL)
1	Ethanol	64-17-5	99%	0.0947
Solvent:	Water	7732-18-5	99%	

John Lidgett—QA Analyst



¹Expiration date of the unopened ampul stored at recommended temperature.

Listed in alphabetical order.

³Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest LOWER whole percentage. In addition to detectors listed above, chemical identity and purity are confirmed using 1 or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.

MANUFACTURED UNDER RESTEK'S ISO 9001 REGISTERED QUALITY SYSTEM: Certificate #97-HOU-AQ-8550 issued by DNV Certification, Inc.

RESTEK Corporation

Chemical Standard Lot Sheet Lot # A026988

Catalog # 36236, 36336, 36244, 36252	Target Conc.: 0.1 g/dL
Description: 0.1 g/dL Ethanol Standard	
Solvent: Water	Solvent Lot # <u>BA5041403</u> Final Volume: 1000 ml

Made by <u>MLL</u>	Date <u>4-14-03</u>
Tested by	Date
Pass <input type="checkbox"/> Fail <input type="checkbox"/>	By Date
Packaged by <u>LLH / SLB</u>	Date <u>4-16-03</u> No. Units
Balance Used <u>Mettler AT400</u>	Serial number <u>1113372841</u>

A26988-5 = 51
A26988-1 = 450

Compound	Storage Location	Lot#	Purity (%)	Target Weight (mg)	Actual Weight	Calculated Conc. (g/dL) ¹
1. Ethanol	Hood	<u>0125030</u>	<u>99</u>	1000	<u>1000.0 mg</u>	<u>0.1</u>
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						
16.						
17.						
18.						
19.						
20.						

Ethanol

0.0000 g
1.0000 g

Form #10-01-04/C
Revision 2/2/98

¹ Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels).