

Density of a Liquid Mixture Class Data
 Chem 161 Section D
 Quarter: Fall 2013

Table 1. Density of Isopropanol solutions

% Isopropanol	Density (g/mL)		
	Teams on Right Side of Room	Teams on Left Side of Room	Average
10.0	0.98517	0.98458	
20.0	0.97230	0.97324	
40.0	0.92743	0.93830	
60.0	0.89840	0.89689	
80.0	0.84905	0.84602	
90.0	0.80955	0.81182	

Plot the averages by hand and with Excel!!

Table 2. Density of 100% Isopropanol

Team Number	Names of team members	Density 100% Isopropanol (g/mL)
1	Hanna and Olga	0.78420
2	Xia and David	0.78365
3	Ellice and Alvin	0.77975
4	Yumi and Carly	0.78467
5	Brandy and Andrian	0.78300
6	Shannon and Jingyi	0.77428
7	Michelle and Jerry	0.78495
8	Erika and Shelby	0.78494
9	Jordan and Chris	0.78397
10	Dian and Mark	0.78537
11	Hsin-Yin and Kai	0.79020
12	Catherine and Kelsey	0.78347
Average		
Standard Deviation		