Yasuda-Shedlovsky Result

Sample name:	**CS000038**	Experiment start time:	**05/08/2011 15:50:40**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-05012**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11H-05012_CS000038_pH-metric psKa.t3r**		

Yasuda-Shedlovsky result

Extrapolation type	pKa 0%	SD	Intercept	Slope	R^2	Ionic strength	Temperature

Component assay results

Titration	Methanol weight%	Direction	Result type	Dielectric constant	[H2O]	Ionic strength	Temperature
11H-05012 Points 71 to 110	34.82 %	Up	pH-metric	62.2	32.9 M	0.184 M	28.3°C
11H-05012 Points 36 to 70	47.96 %	Up	pH-metric	56.4	25.5 M	0.177 M	27.8°C
11H-05012 Points 3 to 35	64.68 %	Up	pH-metric	48.8	16.6 M	0.163 M	26.9°C

Graphs

Sample name:	**CS000038**	Experiment start time:	**05/08/2011 15:50:40**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-05012**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11H-05012_CS000038_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11H-05012 Points 3 to 35

Sample

CS000038 concentration factor 0.825

Sample graphs

Other graphs

Sample name:	**CS000038**	Experiment start time:	**05/08/2011 15:50:40**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-05012**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11H-05012_CS000038_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11H-05012 Points 36 to 70

Sample

CS000038 concentration factor 0.836

Sample graphs

Other graphs

Sample name:	**CS000038**	Experiment start time:	**05/08/2011 15:50:40**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-05012**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11H-05012_CS000038_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11H-05012 Points 71 to 110

Sample

CS000038 concentration factor 0.838

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000038		
Sample by	Weight		
Sample weight	0.000600 g		
Formula weight	440.60 g/mol		
Solubility	Unknown	05/08/2011 13:44:01	E:\T3 DATA\1107\11G-26007_CS000027_Fast UV psKa.t3r
Molecular weight	440.60		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	05/08/2011 13:44:01	E:\T3 DATA\1107\11G-26007_CS000027_Fast UV psKa.t3r