Yasuda-Shedlovsky Result

Sample name:	**CS000112**	Experiment start time:	**22/08/2011 15:37:30**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-22011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-22011_CS000112_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-22011 Points 63 to 99	26.63 %	Up	pH-metric	66.2	37.9 M	0.183 M	27.4°C
11H-22011 Points 31 to 62	36.34 %	Up	pH-metric	62.1	32.1 M	0.176 M	26.7°C
11H-22011 Points 3 to 30	47.68 %	Up	pH-metric	57.3	25.7 M	0.163 M	25.5°C

Graphs

Sample name:	**CS000112**	Experiment start time:	**22/08/2011 15:37:30**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-22011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-22011_CS000112_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11H-22011 Points 3 to 30

Sample

CS000112 concentration factor 0.665

Sample graphs

Other graphs

Sample name:	**CS000112**	Experiment start time:	**22/08/2011 15:37:30**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-22011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-22011_CS000112_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11H-22011 Points 31 to 62

Sample

CS000112 concentration factor 0.903

Sample graphs

Other graphs

Sample name:	**CS000112**	Experiment start time:	**22/08/2011 15:37:30**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-22011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-22011_CS000112_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11H-22011 Points 63 to 99

Sample

CS000112 concentration factor 0.905

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000112		
Sample by	Weight	22/08/2011 13:07:31	E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r
Sample weight	0.000810 g		
Formula weight	375.39 g/mol		
Solubility	Unknown	22/08/2011 13:07:31	E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r
Molecular weight	375.39		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	22/08/2011 13:07:31	E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r