Yasuda-Shedlovsky Result

Sample name:	**CS000029**	Experiment start time:	**23/08/2011 17:54:00**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-23013**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-23013_CS000029_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-23013 Points 133 to 181	39.34 %	Up	pH-metric	60.8	30.4 M	0.176 M	26.3°C
11H-23013 Points 47 to 132	51.52 %	Up	pH-metric	55.5	23.6 M	0.172 M	25.4°C
11H-23013 Points 3 to 46	64.73 %	Up	pH-metric	49.9	16.7 M	0.163 M	23.2°C

Graphs

Sample name:	**CS000029**	Experiment start time:	**23/08/2011 17:54:00**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-23013**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-23013_CS000029_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11H-23013 Points 3 to 46

Sample

CS000029 concentration factor 1.000

Sample graphs

Other graphs

Sample name:	**CS000029**	Experiment start time:	**23/08/2011 17:54:00**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-23013**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-23013_CS000029_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11H-23013 Points 47 to 132

Sample

CS000029 concentration factor 1.000

Sample graphs

Other graphs

Sample name:	**CS000029**	Experiment start time:	**23/08/2011 17:54:00**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-23013**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-23013_CS000029_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11H-23013 Points 133 to 181

Sample

CS000029 concentration factor 1.000

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000029		
Sample by	Weight	23/08/2011 17:00:11	E:\T3 DATA\1108\11H-01009_CS00073_pH-metric psKa.t3r
Sample weight	0.000870 g		
Formula weight	313.34 g/mol		
Solubility	Unknown	23/08/2011 17:00:11	E:\T3 DATA\1108\11H-01009_CS00073_pH-metric psKa.t3r
Molecular weight	313.34		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	23/08/2011 17:00:11	E:\T3 DATA\1108\11H-01009_CS00073_pH-metric psKa.t3r