Yasuda-Shedlovsky Result

Sample name:	**CS00049**	Experiment start time:	**28/07/2011 11:45:23**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-28006**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-28006_CS00049_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
11G-28006 Points 60 to 94	36.15 %	Up	pH-metric	62.5	32.2 M	0.182 M	25.8°C
11G-28006 Points 27 to 59	49.56 %	Up	pH-metric	56.6	24.7 M	0.175 M	24.9°C
11G-28006 Points 3 to 26	65.93 %	Up	pH-metric	49.1	16.1 M	0.162 M	23.8°C

Graphs

Sample name:	**CS00049**	Experiment start time:	**28/07/2011 11:45:23**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-28006**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-28006_CS00049_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11G-28006 Points 3 to 26

Sample

CS00049 concentration factor 0.860

Sample graphs

Other graphs

Sample name:	**CS00049**	Experiment start time:	**28/07/2011 11:45:23**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-28006**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-28006_CS00049_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11G-28006 Points 27 to 59

Sample

CS00049 concentration factor 0.870

Sample graphs

Other graphs

Sample name:	**CS00049**	Experiment start time:	**28/07/2011 11:45:23**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-28006**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-28006_CS00049_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11G-28006 Points 60 to 94

Sample

CS00049 concentration factor 0.888

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS00049		
Sample by	Weight	28/07/2011 10:12:36	E:\T3 DATA\1107\11G-27011_CS000036_pH-metric psKa.t3r
Sample weight	0.000580 g		
Formula weight	454.57 g/mol		
Solubility	Unknown	28/07/2011 10:12:36	E:\T3 DATA\1107\11G-27011_CS000036_pH-metric psKa.t3r
Molecular weight	454.57		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	28/07/2011 10:12:36	E:\T3 DATA\1107\11G-27011_CS000036_pH-metric psKa.t3r