Yasuda-Shedlovsky Result

Sample name:	**CS000072**	Experiment start time:	**29/07/2011 15:35:39**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-29010**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-29010_CS00072_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-29010 Points 62 to 95	35.58 %	Up	pH-metric	62.1	32.5 M	0.183 M	27.7°C
11G-29010 Points 32 to 61	48.89 %	Up	pH-metric	56.2	25.0 M	0.176 M	27.1°C
11G-29010 Points 3 to 31	65.41 %	Up	pH-metric	48.7	16.3 M	0.163 M	26.2°C

Graphs

Sample name:	**CS000072**	Experiment start time:	**29/07/2011 15:35:39**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-29010**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-29010_CS00072_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11G-29010 Points 3 to 31

Sample

CS000072 concentration factor 0.921

Sample graphs

Other graphs

Sample name:	**CS000072**	Experiment start time:	**29/07/2011 15:35:39**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-29010**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-29010_CS00072_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11G-29010 Points 32 to 61

Sample

CS000072 concentration factor 1.000

Sample graphs

Other graphs

Sample name:	**CS000072**	Experiment start time:	**29/07/2011 15:35:39**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-29010**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-29010_CS00072_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11G-29010 Points 62 to 95

Sample

CS000072 concentration factor 0.891

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000072		
Sample by	Weight		
Sample weight	0.001010 g		
Formula weight	412.50 g/mol		
Solubility	Unknown		
Molecular weight	412.50		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00		