Yasuda-Shedlovsky Result

Sample name:	**CS00053**	Experiment start time:	**28/07/2011 10:59:35**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-28005**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-28005_CS00053_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-28005 Points 53 to 80	36.27 %	Up	pH-metric	62.4	32.1 M	0.182 M	25.8°C
11G-28005 Points 26 to 52	49.74 %	Up	pH-metric	56.4	24.6 M	0.175 M	25.1°C
11G-28005 Points 3 to 25	66.02 %	Up	pH-metric	49.1	16.0 M	0.162 M	23.8°C

Graphs

Sample name:	**CS00053**	Experiment start time:	**28/07/2011 10:59:35**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-28005**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-28005_CS00053_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11G-28005 Points 3 to 25

Sample

CS00053 concentration factor 0.831

Sample graphs

Other graphs

Sample name:	**CS00053**	Experiment start time:	**28/07/2011 10:59:35**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-28005**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-28005_CS00053_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11G-28005 Points 26 to 52

Sample

CS00053 concentration factor 0.800

Sample graphs

Other graphs

Sample name:	**CS00053**	Experiment start time:	**28/07/2011 10:59:35**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-28005**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-28005_CS00053_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11G-28005 Points 53 to 80

Sample

CS00053 concentration factor 0.892

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS00053		
Sample by	Weight	28/07/2011 10:12:36	E:\T3 DATA\1107\11G-27011_CS000036_pH-metric psKa.t3r
Sample weight	0.001210 g		
Formula weight	279.32 g/mol		
Solubility	Unknown	28/07/2011 10:12:36	E:\T3 DATA\1107\11G-27011_CS000036_pH-metric psKa.t3r
Molecular weight	279.32		
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