Yasuda-Shedlovsky Result

Sample name:	**CS000078**	Experiment start time:	**29/07/2011 16:53:25**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-29011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-29011_CS00078_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-29011 Points 67 to 101	35.35 %	Up	pH-metric	62.3	32.6 M	0.184 M	27.5°C
11G-29011 Points 34 to 66	48.62 %	Up	pH-metric	56.4	25.1 M	0.176 M	27.0°C
11G-29011 Points 3 to 33	64.99 %	Up	pH-metric	48.7	16.5 M	0.163 M	26.8°C

Graphs

Sample name:	**CS000078**	Experiment start time:	**29/07/2011 16:53:25**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-29011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-29011_CS00078_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11G-29011 Points 3 to 33

Sample

CS000078 concentration factor 1.101

Sample graphs

Other graphs

Sample name:	**CS000078**	Experiment start time:	**29/07/2011 16:53:25**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-29011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-29011_CS00078_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11G-29011 Points 34 to 66

Sample

CS000078 concentration factor 0.879

Sample graphs

Other graphs

Sample name:	**CS000078**	Experiment start time:	**29/07/2011 16:53:25**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-29011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-29011_CS00078_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11G-29011 Points 67 to 101

Sample

CS000078 concentration factor 0.747

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000078		
Sample by	Weight		
Sample weight	0.000990 g		
Formula weight	469.31 g/mol		
Solubility	Unknown		
Molecular weight	469.31		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00		