Yasuda-Shedlovsky Result

Sample name:	**CS000058**	Experiment start time:	**28/07/2011 19:24:26**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-28011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-28011_CS000058_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-28011 Points 66 to 103	35.65 %	Up	pH-metric	62.0	32.5 M	0.183 M	28.0°C
11G-28011 Points 33 to 65	49.22 %	Up	pH-metric	55.9	24.8 M	0.175 M	27.5°C
11G-28011 Points 3 to 32	65.55 %	Up	pH-metric	48.5	16.2 M	0.162 M	26.6°C

Graphs

Sample name:	**CS000058**	Experiment start time:	**28/07/2011 19:24:26**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-28011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-28011_CS000058_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11G-28011 Points 3 to 32

Sample

CS000058 concentration factor 1.058

Sample graphs

Other graphs

Sample name:	**CS000058**	Experiment start time:	**28/07/2011 19:24:26**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-28011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-28011_CS000058_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11G-28011 Points 33 to 65

Sample

CS000058 concentration factor 0.922

Sample graphs

Other graphs

Sample name:	**CS000058**	Experiment start time:	**28/07/2011 19:24:26**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-28011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-28011_CS000058_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11G-28011 Points 66 to 103

Sample

CS000058 concentration factor 1.186

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000058		
Sample by	Weight		
Sample weight	0.000400 g		
Formula weight	425.47 g/mol		
Solubility	Unknown		
Molecular weight	425.47		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00		