Yasuda-Shedlovsky Result

Sample name:	**CS000068**	Experiment start time:	**29/07/2011 12:29:50**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-29007**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-29007_CS000068_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-29007 Points 60 to 91	36.16 %	Up	pH-metric	61.9	32.2 M	0.182 M	27.6°C
11G-29007 Points 30 to 59	49.63 %	Up	pH-metric	55.8	24.6 M	0.175 M	27.2°C
11G-29007 Points 3 to 29	66.13 %	Up	pH-metric	48.3	15.9 M	0.162 M	26.4°C

Graphs

Sample name:	**CS000068**	Experiment start time:	**29/07/2011 12:29:50**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-29007**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-29007_CS000068_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11G-29007 Points 3 to 29

Sample

CS000068 concentration factor 1.002

Sample graphs

Other graphs

Sample name:	**CS000068**	Experiment start time:	**29/07/2011 12:29:50**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-29007**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-29007_CS000068_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11G-29007 Points 30 to 59

Sample

CS000068 concentration factor 0.936

Sample graphs

Other graphs

Sample name:	**CS000068**	Experiment start time:	**29/07/2011 12:29:50**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-29007**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-29007_CS000068_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11G-29007 Points 60 to 91

Sample

CS000068 concentration factor 0.921

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000068	29/07/2011 12:29:29	E:\T3 DATA\1107\11G-16010_CS000068_Fast UV psKa.t3r
Sample by	Weight		
Sample weight	0.000800 g		
Formula weight	440.50 g/mol		
Solubility	Unknown	29/07/2011 12:29:29	E:\T3 DATA\1107\11G-16010_CS000068_Fast UV psKa.t3r
Molecular weight	440.50		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	29/07/2011 12:29:29	E:\T3 DATA\1107\11G-16010_CS000068_Fast UV psKa.t3r