Yasuda-Shedlovsky Result

Sample name:	**CS000069**	Experiment start time:	**01/08/2011 18:26:46**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-01011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-01011_CS00069_pH-metric psKa.t3r**		

Yasuda-Shedlovsky result

Extrapolation type	pKa 0%	SD	Intercept	Slope	R^2	Ionic strength	Temperature
Yasuda-Shedlovsky	6.98	±0.09	25.44	-1316.4799	0.9606	0.186 M	24.4°C

Component assay results

Titration	DMSO weight%	Direction	Result type	Dielectric constant	[H2O]	Ionic strength	Temperature		psKa 1
11H-01011 Points 79 to 118	24.60 %	Up	pH-metric	77.2	42.7 M	0.194 M	25.2°C	☑	6.77
11H-01011 Points 39 to 78	32.33 %	Up	pH-metric	76.9	38.6 M	0.189 M	24.6°C	☑	6.71
11H-01011 Points 3 to 38	42.14 %	Up	pH-metric	76.4	33.3 M	0.176 M	23.4°C	☑	6.68

Graphs

Sample name:	**CS000069**	Experiment start time:	**01/08/2011 18:26:46**
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Filename:	**E:\T3 DATA\1108\11H-01011_CS00069_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11H-01011 Points 3 to 38 Quality: Good

Sample

CS000069 concentration factor	0.969
Base pKa 1	6.68

Sample graphs

Other graphs

Sample name:	**CS000069**	Experiment start time:	**01/08/2011 18:26:46**
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Assay ID:	**11H-01011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-01011_CS00069_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11H-01011 Points 39 to 78 Quality: Good

Sample

- CS000069 concentration factor 0.976
- Base pKa 1 6.71

Sample graphs

Other graphs

Sample name:	**CS000069**	Experiment start time:	**01/08/2011 18:26:46**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-01011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-01011_CS00069_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11H-01011 Points 79 to 118 Quality: Good

Sample

CS000069 concentration factor	0.985
Base pKa 1	6.77

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000069		
Sample by	Weight		
Sample weight	0.001000 g		
Formula weight	307.14 g/mol		
Solubility	Unknown		
Molecular weight	307.14		
Individual pKa ionic environments	No		
Number of pKas	1		
Sample is a	Base		
pKa 1	4.00		
logp (XH +)	-10.00		
logP (neutral X)	-10.00		