Yasuda-Shedlovsky Result

Sample name:	**CS000031**	Experiment start time:	**23/08/2011 20:18:19**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-23014**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-23014_CS000031_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
11H-23014 Points 90 to 181	28.99 %	Up	pH-metric	65.5	36.5 M	0.177 M	26.5°C
11H-23014 Points 38 to 89	38.13 %	Up	pH-metric	61.5	31.1 M	0.172 M	25.9°C
11H-23014 Points 3 to 37	47.90 %	Up	pH-metric	57.3	25.6 M	0.163 M	25.0°C

Graphs

Sample name:	**CS000031**	Experiment start time:	**23/08/2011 20:18:19**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-23014**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-23014_CS000031_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11H-23014 Points 3 to 37

Sample

CS000031 concentration factor 1.000

Sample graphs

Other graphs

Sample name:	**CS000031**	Experiment start time:	**23/08/2011 20:18:19**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-23014**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-23014_CS000031_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11H-23014 Points 38 to 89

Sample

CS000031 concentration factor 1.000

Sample graphs

Other graphs

Sample name:	**CS000031**	Experiment start time:	**23/08/2011 20:18:19**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-23014**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-23014_CS000031_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11H-23014 Points 90 to 181

Sample

CS000031 concentration factor 1.000

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000031		
Sample by	Weight	23/08/2011 17:00:11	E:\T3 DATA\1108\11H-01009_CS00073_pH-metric psKa.t3r
Sample weight	0.000910 g		
Formula weight	406.46 g/mol		
Solubility	Unknown	23/08/2011 17:00:11	E:\T3 DATA\1108\11H-01009_CS00073_pH-metric psKa.t3r
Molecular weight	406.46		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	23/08/2011 17:00:11	E:\T3 DATA\1108\11H-01009_CS00073_pH-metric psKa.t3r