Yasuda-Shedlovsky Result

Sample name:	**CS000152**	Experiment start time:	**30/08/2011 15:14:42**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-30010**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-30010_CS000152_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-30010 Points 53 to 77	39.21 %	Up	pH-metric	60.5	30.4 M	0.179 M	27.6°C
11H-30010 Points 28 to 52	52.37 %	Up	pH-metric	54.8	23.1 M	0.174 M	26.5°C
11H-30010 Points 3 to 27	64.91 %	Up	pH-metric	49.2	16.5 M	0.163 M	25.1°C

Graphs

Sample name:	**CS000152**	Experiment start time:	**30/08/2011 15:14:42**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-30010**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-30010_CS000152_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11H-30010 Points 3 to 27

Sample

CS000152 concentration factor 1.016

Sample graphs

Other graphs

Sample name:	**CS000152**	Experiment start time:	**30/08/2011 15:14:42**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-30010**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-30010_CS000152_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11H-30010 Points 28 to 52

Sample

CS000152 concentration factor 0.836

Sample graphs

Other graphs

Sample name:	**CS000152**	Experiment start time:	**30/08/2011 15:14:42**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-30010**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-30010_CS000152_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11H-30010 Points 53 to 77

Sample

CS000152 concentration factor 1.008

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000152		
Sample by	Weight		
Sample weight	0.001060 g		
Formula weight	381.50 g/mol		
Solubility	Unknown		
Molecular weight	381.50		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00		