Yasuda-Shedlovsky Result

Sample name:	**CS000077**	Experiment start time:	**11/08/2011 12:49:49**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-11009**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-11009_CS000077_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-11009 Points 66 to 100	26.76 %	Up	pH-metric	66.0	37.8 M	0.182 M	27.8°C
11H-11009 Points 33 to 65	36.60 %	Up	pH-metric	61.7	31.9 M	0.175 M	27.6°C
11H-11009 Points 3 to 32	47.88 %	Up	pH-metric	56.9	25.5 M	0.163 M	26.5°C

Graphs

Sample name:	**CS000077**	Experiment start time:	**11/08/2011 12:49:49**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-11009**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-11009_CS000077_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11H-11009 Points 3 to 32

Sample

CS000077 concentration factor 0.953

Sample graphs

Other graphs

Sample name:	**CS000077**	Experiment start time:	**11/08/2011 12:49:49**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-11009**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-11009_CS000077_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11H-11009 Points 33 to 65

Sample

CS000077 concentration factor 0.800

Sample graphs

Other graphs

Sample name:	**CS000077**	Experiment start time:	**11/08/2011 12:49:49**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-11009**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-11009_CS000077_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11H-11009 Points 66 to 100

Sample

CS000077 concentration factor 1.020

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000077		
Sample by	Weight		
Sample weight	0.000500 g		
Formula weight	399.42 g/mol		
Solubility	Unknown	11/08/2011 11:24:25	E:\T3 DATA\1108\11H-09014_CS000077_Fast UV psKa.t3r
Molecular weight	399.42		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	11/08/2011 11:24:25	E:\T3 DATA\1108\11H-09014_CS000077_Fast UV psKa.t3r