Yasuda-Shedlovsky Result

Sample name:	**CS000154**	Experiment start time:	**02/09/2011 19:42:27**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11I-02017**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1109\11I-02017_CS000154_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
11I-02017 Points 58 to 86	38.72 %	Up	pH-metric	61.2	30.7 M	0.179 M	26.2°C
11I-02017 Points 29 to 57	51.84 %	Up	pH-metric	55.4	23.4 M	0.174 M	25.4°C
11I-02017 Points 3 to 28	64.55 %	Up	pH-metric	49.6	16.7 M	0.163 M	24.3°C

Graphs

Sample name:	**CS000154**	Experiment start time:	**02/09/2011 19:42:27**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11I-02017**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1109\11I-02017_CS000154_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11I-02017 Points 3 to 28

Sample

CS000154 concentration factor 1.011

Sample graphs

Other graphs

Sample name:	**CS000154**	Experiment start time:	**02/09/2011 19:42:27**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11I-02017**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1109\11I-02017_CS000154_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11I-02017 Points 29 to 57

Sample

CS000154 concentration factor 0.927

Sample graphs

Other graphs

Sample name:	**CS000154**	Experiment start time:	**02/09/2011 19:42:27**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11I-02017**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1109\11I-02017_CS000154_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11I-02017 Points 58 to 86

Sample

CS000154 concentration factor 1.139

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000154		
Sample by	Weight		
Sample weight	0.000980 g		
Formula weight	286.30 g/mol		
Solubility	Unknown		
Molecular weight	286.30		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00		