Yasuda-Shedlovsky Result

Sample name:	**CS000160**	Experiment start time:	**02/09/2011 20:26:36**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11I-02018**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1109\11I-02018_CS000160_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-02018 Points 58 to 85	39.16 %	Up	pH-metric	61.0	30.5 M	0.179 M	26.1°C
11I-02018 Points 31 to 57	52.23 %	Up	pH-metric	55.1	23.2 M	0.174 M	25.7°C
11I-02018 Points 3 to 30	64.61 %	Up	pH-metric	49.6	16.7 M	0.163 M	24.5°C

Graphs

Sample name:	**CS000160**	Experiment start time:	**02/09/2011 20:26:36**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11I-02018**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1109\11I-02018_CS000160_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11I-02018 Points 3 to 30

Sample

CS000160 concentration factor 1.077

Sample graphs

Other graphs

Sample name:	**CS000160**	Experiment start time:	**02/09/2011 20:26:36**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11I-02018**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1109\11I-02018_CS000160_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11I-02018 Points 31 to 57

Sample

CS000160 concentration factor 1.274

Sample graphs

Other graphs

Sample name:	**CS000160**	Experiment start time:	**02/09/2011 20:26:36**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11I-02018**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1109\11I-02018_CS000160_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11I-02018 Points 58 to 85

Sample

CS000160 concentration factor 1.055

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000160		
Sample by	Weight		
Sample weight	0.000900 g		
Formula weight	451.93 g/mol		
Solubility	Unknown		
Molecular weight	451.90		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00		