Yasuda-Shedlovsky Result

Sample name:	**CS000188**	Experiment start time:	**07/09/2011 10:29:28**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11I-07005**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1109\11I-07005_CS000188_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-07005 Points 55 to 82	37.88 %	Up	pH-metric	61.8	31.2 M	0.178 M	25.5°C
11I-07005 Points 28 to 54	50.51 %	Up	pH-metric	56.4	24.2 M	0.173 M	24.0°C
11I-07005 Points 3 to 27	65.12 %	Up	pH-metric	49.7	16.5 M	0.162 M	23.3°C

Graphs

Sample name:	**CS000188**	Experiment start time:	**07/09/2011 10:29:28**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11I-07005**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1109\11I-07005_CS000188_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11I-07005 Points 3 to 27

Sample

CS000188 concentration factor 1.178

Sample graphs

Other graphs

Sample name:	**CS000188**	Experiment start time:	**07/09/2011 10:29:28**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11I-07005**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1109\11I-07005_CS000188_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11I-07005 Points 28 to 54

Sample

CS000188 concentration factor 1.164

Sample graphs

Other graphs

Sample name:	**CS000188**	Experiment start time:	**07/09/2011 10:29:28**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11I-07005**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1109\11I-07005_CS000188_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11I-07005 Points 55 to 82

Sample

CS000188 concentration factor 1.054

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000188		
Sample by	Weight		
Sample weight	0.001080 g		
Formula weight	439.50 g/mol		
Solubility	Unknown	07/09/2011 10:06:14	E:\T3 DATA\1109\11I-01002_CS000275_Clean up.t3r
Molecular weight	439.50		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	07/09/2011 10:06:14	E:\T3 DATA\1109\11I-01002_CS000275_Clean up.t3r