Yasuda-Shedlovsky Result

Sample name:	**CS000148**	Experiment start time:	**28/08/2011 21:30:32**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-28014**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-28014_CS000148_pH-metric psKa.t3r**		

Yasuda-Shedlovsky result

Extrapolation type	pKa 0%	SD	Intercept	Slope	R^2	Ionic strength	Temperature

Component assay results

Titration	DMSO weight%	Direction	Result type	Dielectric constant	[H2O]	Ionic strength	Temperature
11H-28014 Points 33 to 47	42.90 %	Up	pH-metric	74.2	32.8 M	0.161 M	29.4°C
11H-28014 Points 19 to 32	52.12 %	Up	pH-metric	72.8	27.7 M	0.159 M	29.5°C
11H-28014 Points 3 to 18	59.05 %	Up	pH-metric	71.6	23.9 M	0.156 M	28.7°C

Graphs

Sample name:	**CS000148**	Experiment start time:	**28/08/2011 21:30:32**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-28014**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-28014_CS000148_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11H-28014 Points 3 to 18

Sample

CS000148 concentration factor 0.937

Sample graphs

Other graphs

Sample name:	**CS000148**	Experiment start time:	**28/08/2011 21:30:32**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-28014**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-28014_CS000148_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11H-28014 Points 19 to 32

Sample

CS000148 concentration factor 0.847

Sample graphs

Other graphs

Sample name:	**CS000148**	Experiment start time:	**28/08/2011 21:30:32**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-28014**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-28014_CS000148_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11H-28014 Points 33 to 47

Sample

CS000148 concentration factor 1.112

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000148		
Sample by	Weight		
Sample weight	0.001010 g		
Formula weight	378.35 g/mol		
Solubility	Unknown		
Molecular weight	378.35		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00		