Yasuda-Shedlovsky Result

Sample name:	**cs000148**	Experiment start time:	**24/08/2011 19:16:09**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-24013**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-24013_cs000148_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-24013 Points 59 to 89	35.32 %	Up	pH-metric	62.5	32.7 M	0.178 M	26.8°C
11H-24013 Points 30 to 58	46.87 %	Up	pH-metric	57.5	26.1 M	0.173 M	25.8°C
11H-24013 Points 3 to 29	59.87 %	Up	pH-metric	51.8	19.2 M	0.163 M	24.7°C

Graphs

Sample name:	**cs000148**	Experiment start time:	**24/08/2011 19:16:09**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-24013**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-24013_cs000148_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11H-24013 Points 3 to 29

Sample

cs000148 concentration factor 0.802

Sample graphs

Other graphs

Sample name:	**cs000148**	Experiment start time:	**24/08/2011 19:16:09**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-24013**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-24013_cs000148_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11H-24013 Points 30 to 58

Sample

cs000148 concentration factor 0.938

Sample graphs

Other graphs

Sample name:	**cs000148**	Experiment start time:	**24/08/2011 19:16:09**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-24013**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-24013_cs000148_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11H-24013 Points 59 to 89

Sample

cs000148 concentration factor 0.971

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	cs000148		
Sample by	Weight	24/08/2011 10:11:44	E:\T3 DATA\1108\11H-01004_DMSO-Blank_pH-metric psKa.t3r
Sample weight	0.001030 g		
Formula weight	378.35 g/mol		
Solubility	Unknown	24/08/2011 10:11:44	E:\T3 DATA\1108\11H-01004_DMSO-Blank_pH-metric psKa.t3r
Molecular weight	378.35		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	24/08/2011 10:11:44	E:\T3 DATA\1108\11H-01004_DMSO-Blank_pH-metric psKa.t3r