Yasuda-Shedlovsky Result

Sample name:	**CS000081**	Experiment start time:	**31/07/2011 19:48:55**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-31012**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-31012_CS000081_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
11G-31012 Points 73 to 118	25.26 %	Up	pH-metric	77.4	42.3 M	0.192 M	24.7°C
11G-31012 Points 34 to 72	32.87 %	Up	pH-metric	77.0	38.3 M	0.186 M	24.2°C
11G-31012 Points 3 to 33	42.36 %	Up	pH-metric	76.5	33.2 M	0.174 M	23.0°C

Graphs

Sample name:	**CS000081**	Experiment start time:	**31/07/2011 19:48:55**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-31012**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-31012_CS000081_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11G-31012 Points 3 to 33

Sample

CS000081 concentration factor 0.883

Sample graphs

Other graphs

Sample name:	**CS000081**	Experiment start time:	**31/07/2011 19:48:55**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-31012**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-31012_CS000081_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11G-31012 Points 34 to 72

Sample

CS000081 concentration factor 0.938

Sample graphs

Other graphs

Sample name:	**CS000081**	Experiment start time:	**31/07/2011 19:48:55**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-31012**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-31012_CS000081_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11G-31012 Points 73 to 118

Sample

CS000081 concentration factor 1.122

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000081		
Sample by	Weight	31/07/2011 17:43:50	E:\T3 DATA\1107\11G-31004_CS000082_pH-metric psKa.t3r
Sample weight	0.000710 g		
Formula weight	383.48 g/mol		
Solubility	Unknown	31/07/2011 17:43:50	E:\T3 DATA\1107\11G-31004_CS000082_pH-metric psKa.t3r
Molecular weight	383.48		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	31/07/2011 17:43:50	E:\T3 DATA\1107\11G-31004_CS000082_pH-metric psKa.t3r