Yasuda-Shedlovsky Result

Sample name:	**CS000027**	Experiment start time:	**03/08/2011 18:14:30**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-03010**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11H-03010_CS000027_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-03010 Points 66 to 106	24.52 %	Up	pH-metric	76.3	42.7 M	0.193 M	27.7°C
11H-03010 Points 32 to 65	32.12 %	Up	pH-metric	76.1	38.7 M	0.187 M	27.0°C
11H-03010 Points 3 to 31	41.58 %	Up	pH-metric	75.6	33.6 M	0.175 M	25.8°C

Graphs

Sample name:	**CS000027**	Experiment start time:	**03/08/2011 18:14:30**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-03010**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11H-03010_CS000027_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11H-03010 Points 3 to 31

Sample

CS000027 concentration factor 0.919

Sample graphs

Other graphs

Sample name:	**CS000027**	Experiment start time:	**03/08/2011 18:14:30**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-03010**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11H-03010_CS000027_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11H-03010 Points 32 to 65

Sample

CS000027 concentration factor 0.852

Sample graphs

Other graphs

Sample name:	**CS000027**	Experiment start time:	**03/08/2011 18:14:30**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11H-03010**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11H-03010_CS000027_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11H-03010 Points 66 to 106

Sample

CS000027 concentration factor 0.784

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000027		
Sample by	Weight		
Sample weight	0.000920 g		
Formula weight	279.30 g/mol		
Solubility	Unknown	03/08/2011 12:08:07	E:\T3 DATA\1107\11G-26012_CS000053_Fast UV psKa.t3r
Molecular weight	279.30		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	03/08/2011 12:08:07	E:\T3 DATA\1107\11G-26012_CS000053_Fast UV psKa.t3r