Yasuda-Shedlovsky Result

Sample name:	**CS00071**	Experiment start time:	**29/07/2011 14:34:04**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-29009**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-29009_CS00071_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
11G-29009 Points 63 to 97	35.92 %	Up	pH-metric	61.9	32.3 M	0.183 M	27.7°C
11G-29009 Points 31 to 62	49.42 %	Up	pH-metric	55.9	24.7 M	0.176 M	27.3°C
11G-29009 Points 3 to 30	66.03 %	Up	pH-metric	48.4	16.0 M	0.162 M	26.3°C

Graphs

Sample name:	**CS00071**	Experiment start time:	**29/07/2011 14:34:04**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-29009**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-29009_CS00071_pH-metric psKa.t3r**		

pH-metric psKa Titration 1 of 3 11G-29009 Points 3 to 30

Sample

CS00071 concentration factor 0.805

Sample graphs

Other graphs

Sample name:	**CS00071**	Experiment start time:	**29/07/2011 14:34:04**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-29009**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-29009_CS00071_pH-metric psKa.t3r**		

pH-metric psKa Titration 2 of 3 11G-29009 Points 31 to 62

Sample

CS00071 concentration factor 1.101

Sample graphs

Other graphs

Sample name:	**CS00071**	Experiment start time:	**29/07/2011 14:34:04**
Assay name:	**pH-metric psKa**	Analyst:	
Assay ID:	**11G-29009**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-29009_CS00071_pH-metric psKa.t3r**		

pH-metric psKa Titration 3 of 3 11G-29009 Points 63 to 97

Sample

CS00071 concentration factor 1.241

Sample graphs

Other graphs

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS00071		
Sample by	Weight		
Sample weight	0.000990 g		
Formula weight	423.50 g/mol		
Solubility	Unknown		
Molecular weight	423.50		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00		