



Yasuda-Shedlovsky Result

Sample name: **CS000275**
Assay name: **pH-metric psKa**
Assay ID: **11H-31012**
Filename: **E:\T3 DATA\1108\11H-31012_CS000275_pH-metric psKa.t3r**

Experiment start time: **31/08/2011 18:11:59**
Analyst:
Instrument ID: **T311042**

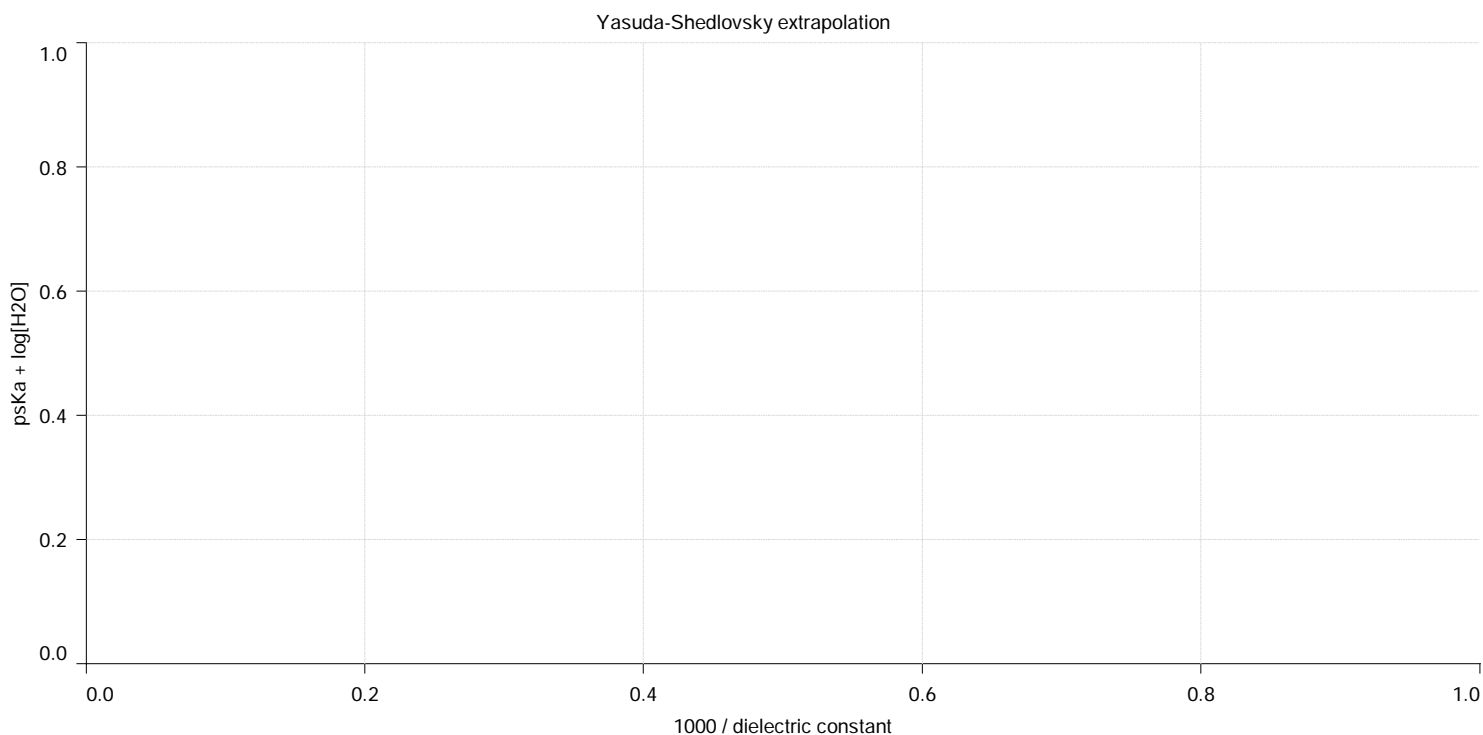
Yasuda-Shedlovsky result

Extrapolation type pKa 0% SD Intercept Slope R² Ionic strength Temperature

Component assay results

Titration	DMSO weight%	Direction	Result type	Dielectric constant	[H2O]	Ionic strength	Temperature
11H-31012 Points 45 to 71	41.94 %	Up	pH-metric	74.7	33.3 M	0.159 M	28.4°C
11H-31012 Points 22 to 44	52.42 %	Up	pH-metric	73.3	27.6 M	0.158 M	27.9°C
11H-31012 Points 3 to 21	59.54 %	Up	pH-metric	72.0	23.6 M	0.155 M	27.2°C

Graphs



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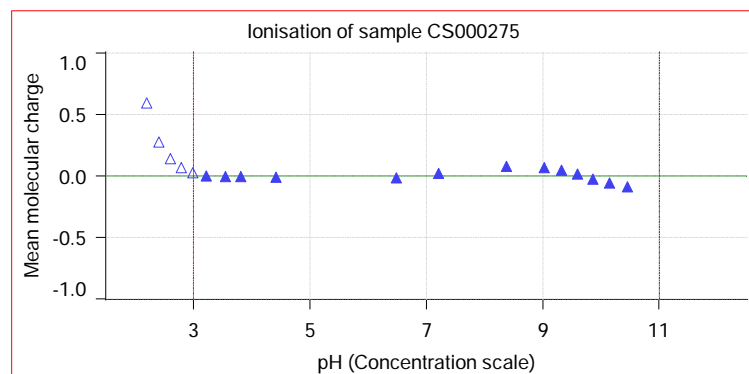
Experiment start time: **31/08/2011 18:11:59**
 Analyst:
 Instrument ID: **T311042**

pH-metric psKa Titration 1 of 3 11H-31012 Points 3 to 21

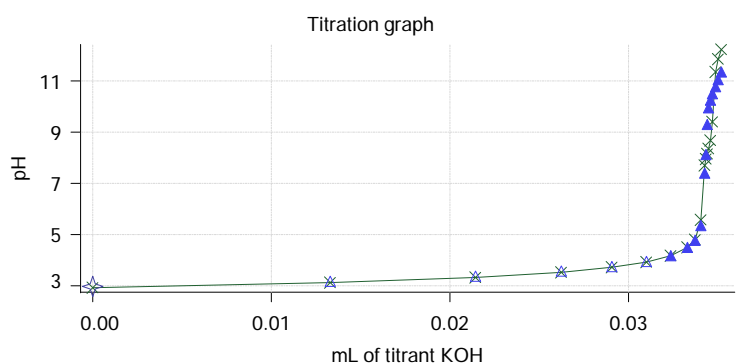
Sample

 CS000275 concentration factor 0.775

Sample graphs



Other graphs



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 Filename: **E:\T3 DATA\1108\11H-31012_CS000275_pH-metric psKa.t3r**

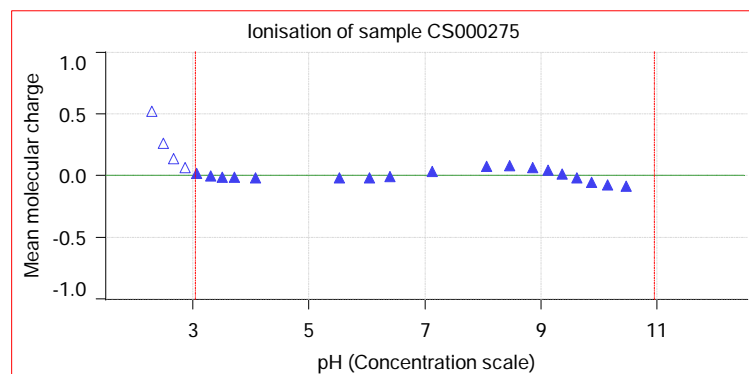
Experiment start time: **31/08/2011 18:11:59**
 Analyst:
 Instrument ID: **T311042**

pH-metric psKa Titration 2 of 3 11H-31012 Points 22 to 44

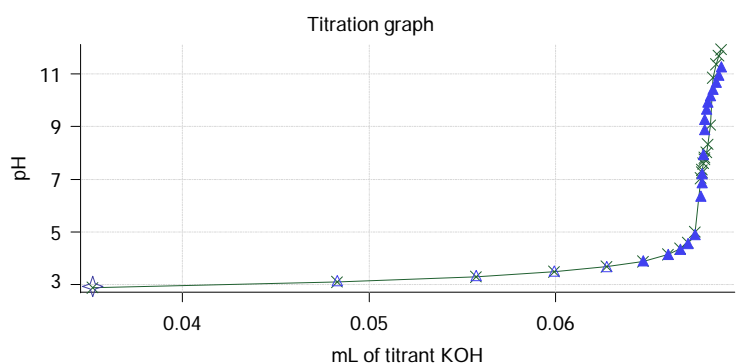
Sample

 CS000275 concentration factor 0.790

Sample graphs



Other graphs



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 Filename: **E:\T3 DATA\1108\11H-31012_CS000275_pH-metric psKa.t3r**

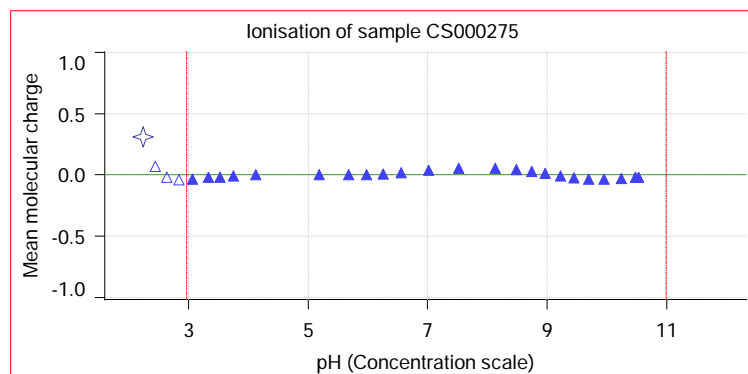
Experiment start time: **31/08/2011 18:11:59**
 Analyst:
 Instrument ID: **T311042**

pH-metric psKa Titration 3 of 3 11H-31012 Points 45 to 71

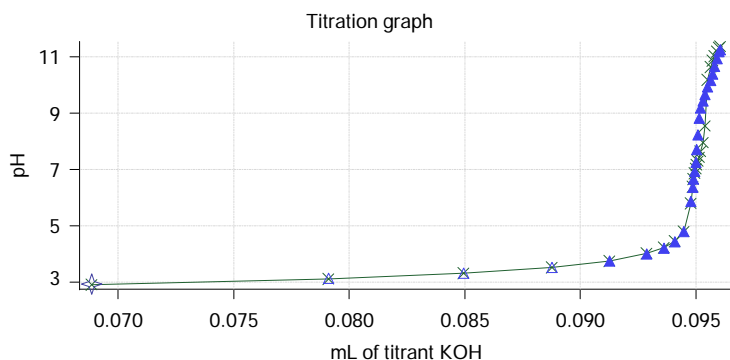
Sample

 CS000275 concentration factor 1.049

Sample graphs



Other graphs



Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000275		
Sample by	Weight	31/08/2011 10:24:46	E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r
Sample weight	0.000820 g		
Formula weight	340.71 g/mol		
Solubility	Unknown	31/08/2011 10:24:46	E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r
Molecular weight	340.71		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	31/08/2011 10:24:46	E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r