



## Yasuda-Shedlovsky Result

Sample name: **CS000270**  
Assay name: **pH-metric psKa**  
Assay ID: **11H-31010**  
Filename: **E:\T3 DATA\1108\11H-31010\_CS000270\_pH-metric psKa.t3r**

Experiment start time: **31/08/2011 16:36:56**  
Analyst:  
Instrument ID: **T311042**

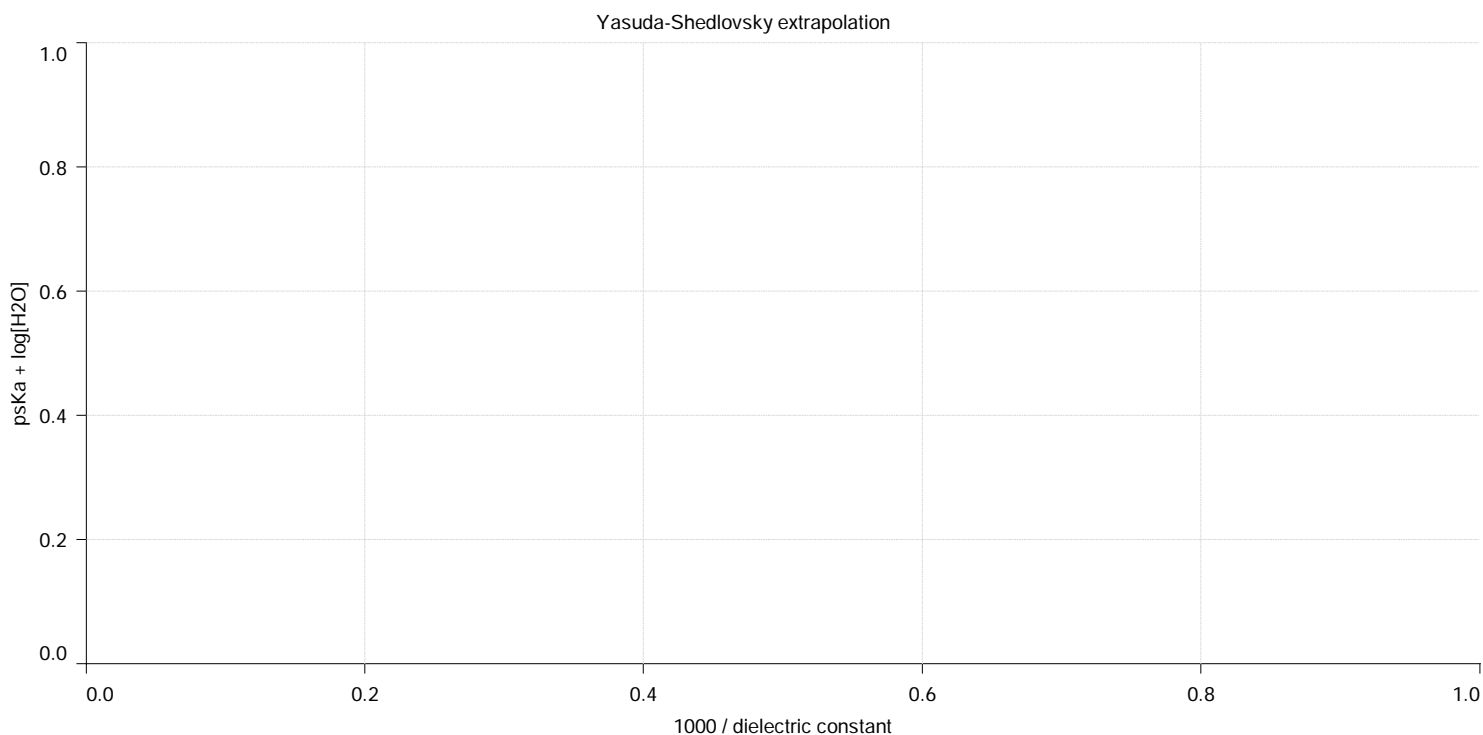
### Yasuda-Shedlovsky result

Extrapolation type pKa 0% SD Intercept Slope R<sup>2</sup> Ionic strength Temperature

### Component assay results

Titration	DMSO weight%	Direction	Result type	Dielectric constant	[H <sub>2</sub> O]	Ionic strength	Temperature
11H-31010 Points 70 to 117	25.27 %	Up	pH-metric	76.2	42.3 M	0.198 M	28.0°C
11H-31010 Points 34 to 69	33.68 %	Up	pH-metric	75.7	37.8 M	0.193 M	27.8°C
11H-31010 Points 3 to 33	44.81 %	Up	pH-metric	74.7	31.8 M	0.180 M	27.3°C

### Graphs



Sample name: **CS000270**  
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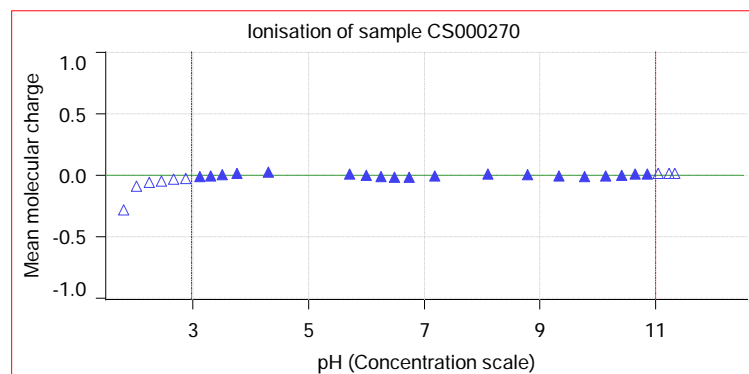
Experiment start time: **31/08/2011 16:36:56**  
 Analyst:  
 Instrument ID: **T311042**

## pH-metric psKa Titration 1 of 3 11H-31010 Points 3 to 33

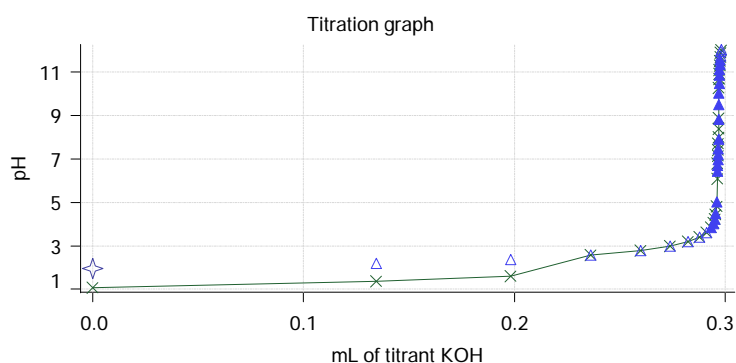
### Sample

 CS000270 concentration factor 0.783

### Sample graphs



### Other graphs



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 Filename: **E:\T3 DATA\1108\11H-31010\_CS000270\_pH-metric psKa.t3r**

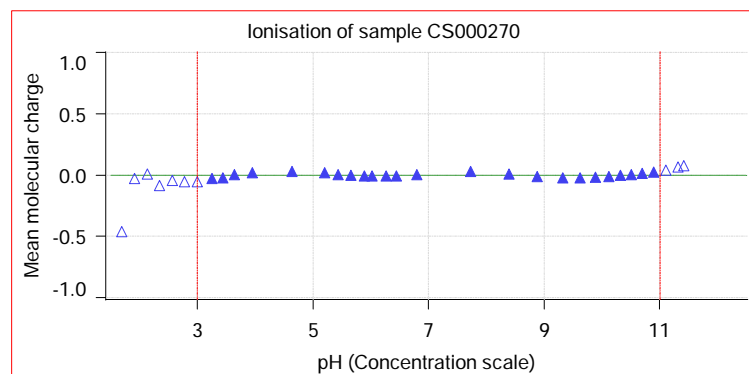
Experiment start time: **31/08/2011 16:36:56**  
 Analyst:  
 Instrument ID: **T311042**

## pH-metric psKa Titration 2 of 3 11H-31010 Points 34 to 69

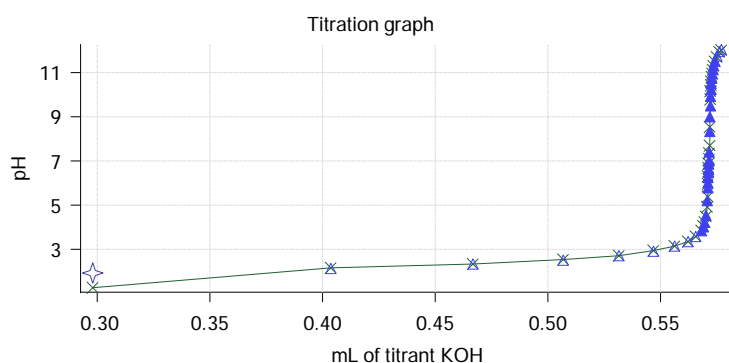
### Sample

 CS000270 concentration factor 0.790

### Sample graphs



### Other graphs



Sample name: **CS000270**  
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 Assay ID: **11H-31010**  
 Filename: **E:\T3 DATA\1108\11H-31010\_CS000270\_pH-metric psKa.t3r**

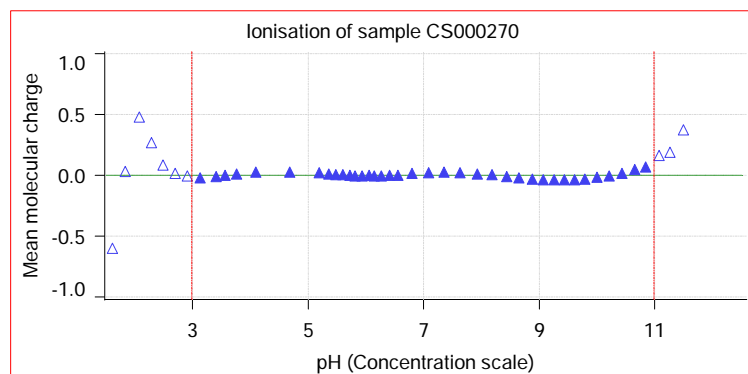
Experiment start time: **31/08/2011 16:36:56**  
 Analyst:  
 Instrument ID: **T311042**

## pH-metric psKa Titration 3 of 3 11H-31010 Points 70 to 117

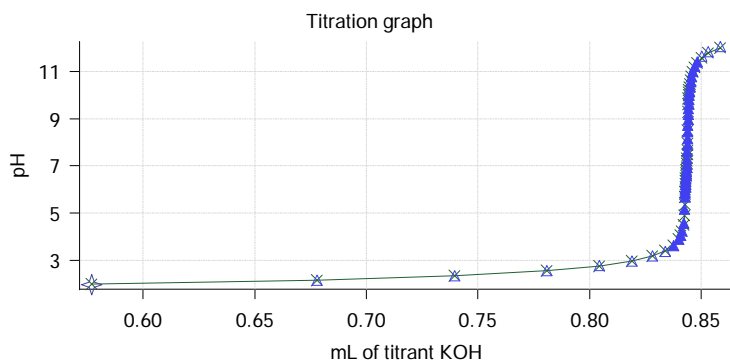
### Sample

CS000270 concentration factor 0.902

### Sample graphs



### Other graphs



### Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000270		
Sample by	Weight	31/08/2011 10:24:46	E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r
Sample weight	0.000980 g		
Formula weight	324.64 g/mol		
Solubility	Unknown	31/08/2011 10:24:46	E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r
Molecular weight	324.64		
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