



## Yasuda-Shedlovsky Result

Sample name: **cs000274**  
Assay name: **pH-metric psKa**  
Assay ID: **11H-31005**  
Filename: **E:\T3 DATA\1108\11H-31005\_cs000274\_pH-metric psKa.t3r**

Experiment start time: **31/08/2011 11:07:56**  
Analyst:  
Instrument ID: **T311042**

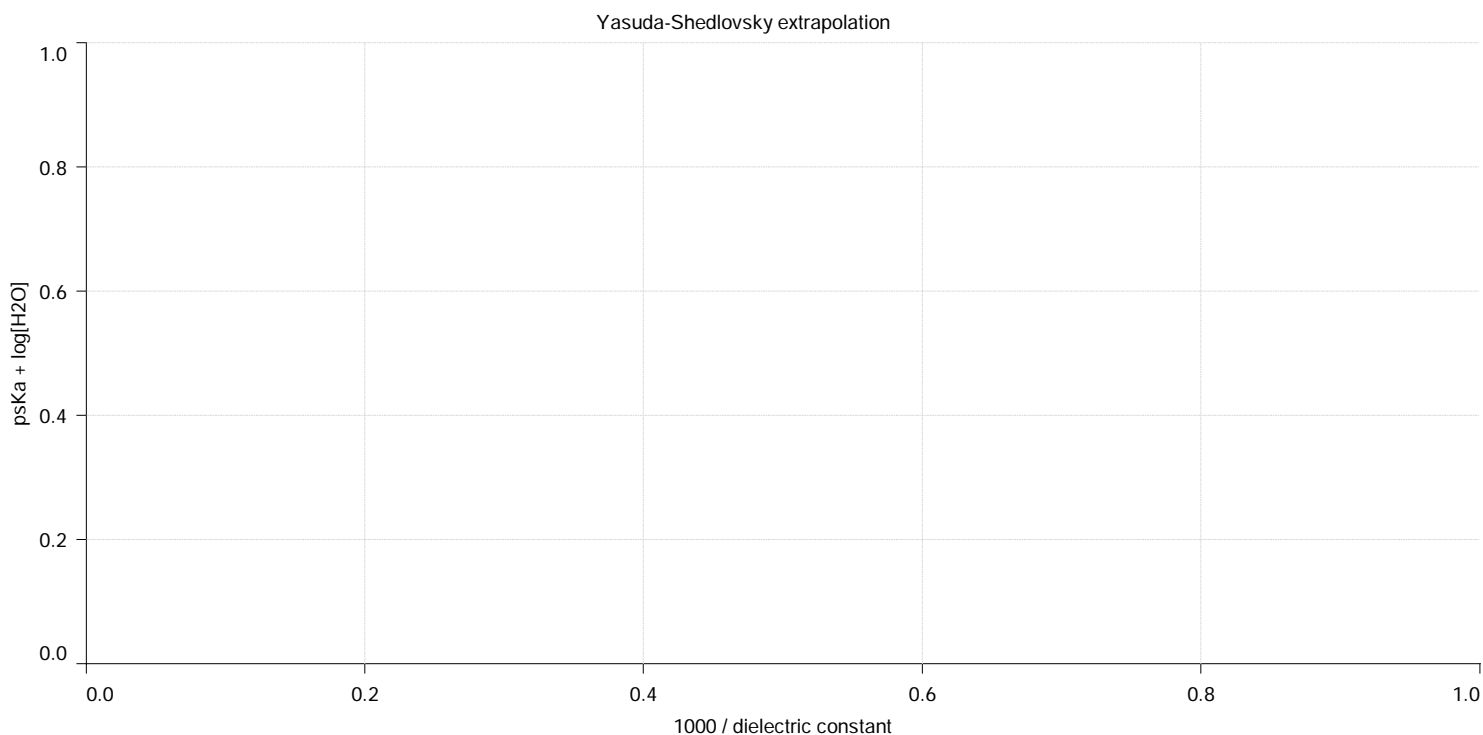
### Yasuda-Shedlovsky result

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

### Component assay results

Titration	Methanol weight%	Direction	Result type	Dielectric constant	[H <sub>2</sub> O]	Ionic strength	Temperature
11H-31005 Points 62 to 91	39.55 %	Up	pH-metric	60.6	30.2 M	0.178 M	26.6°C
11H-31005 Points 33 to 61	52.65 %	Up	pH-metric	54.9	23.0 M	0.173 M	25.6°C
11H-31005 Points 3 to 32	64.84 %	Up	pH-metric	49.5	16.6 M	0.163 M	24.2°C

### Graphs



Sample name: **cs000274**  
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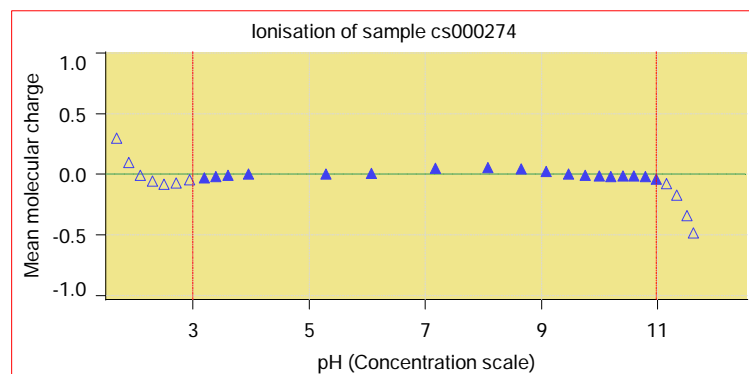
Experiment start time: **31/08/2011 11:07:56**  
 Analyst:  
 Instrument ID: **T311042**

## pH-metric psKa Titration 1 of 3 11H-31005 Points 3 to 32

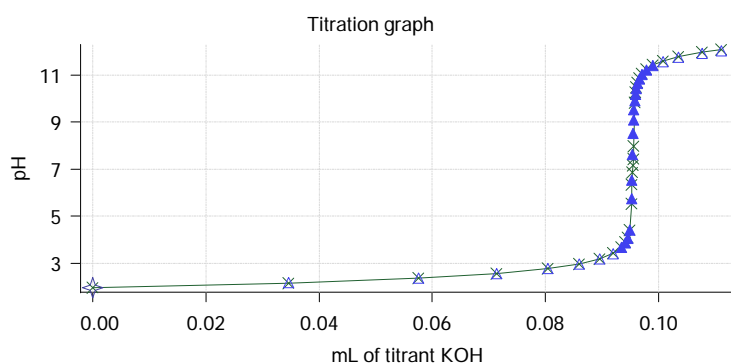
### Sample

 cs000274 concentration factor 0.775

### Sample graphs



### Other graphs



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 Filename: **E:\T3 DATA\1108\11H-31005\_cs000274\_pH-metric psKa.t3r**

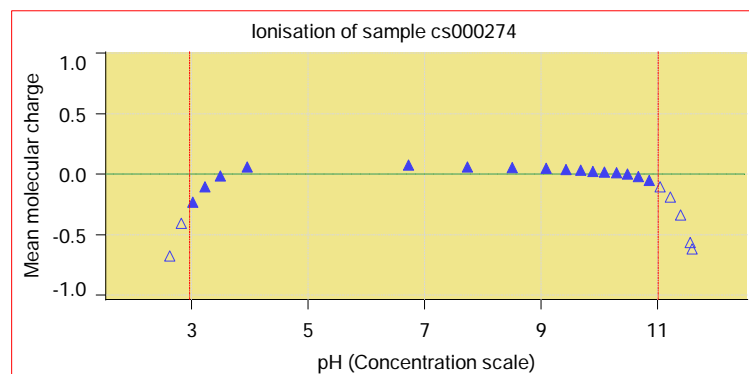
Experiment start time: **31/08/2011 11:07:56**  
 Analyst:  
 Instrument ID: **T311042**

## pH-metric psKa Titration 2 of 3 11H-31005 Points 33 to 61

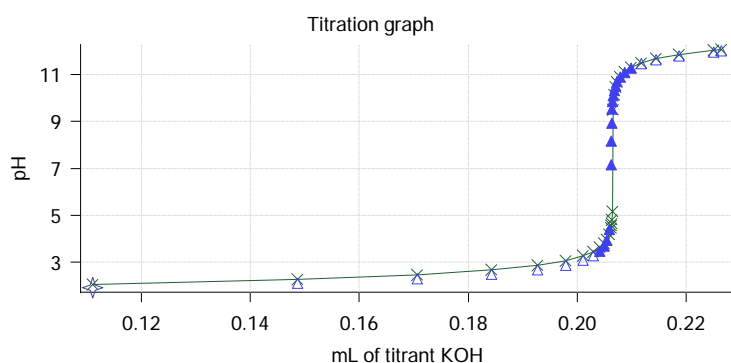
### Sample

 cs000274 concentration factor 0.942

### Sample graphs



### Other graphs



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 Assay ID: **11H-31005**  
 Filename: **E:\T3 DATA\1108\11H-31005\_cs000274\_pH-metric psKa.t3r**

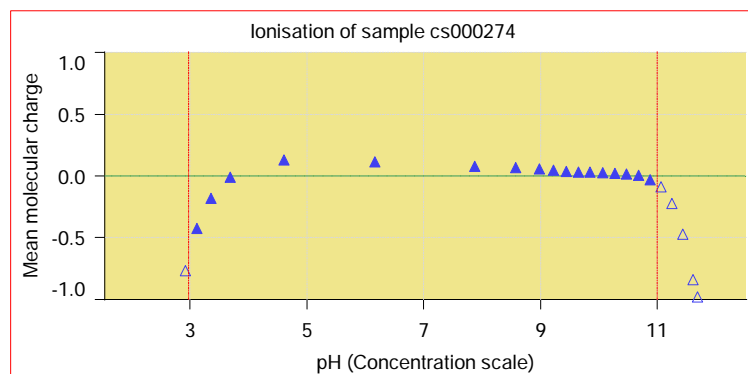
Experiment start time: **31/08/2011 11:07:56**  
 Analyst:  
 Instrument ID: **T311042**

## pH-metric psKa Titration 3 of 3 11H-31005 Points 62 to 91

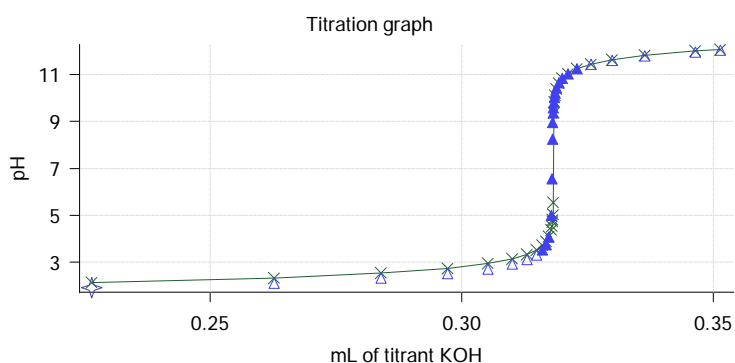
### Sample

 cs000274 concentration factor 0.617

### Sample graphs



### Other graphs



### Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	cs000274		
Sample by	Weight	31/08/2011 10:24:46	E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r
Sample weight	0.000800 g		
Formula weight	324.37 g/mol		
Solubility	Unknown	31/08/2011 10:24:46	E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r
Molecular weight	324.37		
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