



## Yasuda-Shedlovsky Result

Sample name: **CS000200**  
Assay name: **pH-metric psKa**  
Assay ID: **11I-13012**  
Filename: **E:\T3 DATA\1109\11I-13012\_CS000200\_pH-metric psKa.t3r**

Experiment start time: **13/09/2011 17:52:09**  
Analyst:  
Instrument ID: **T311042**

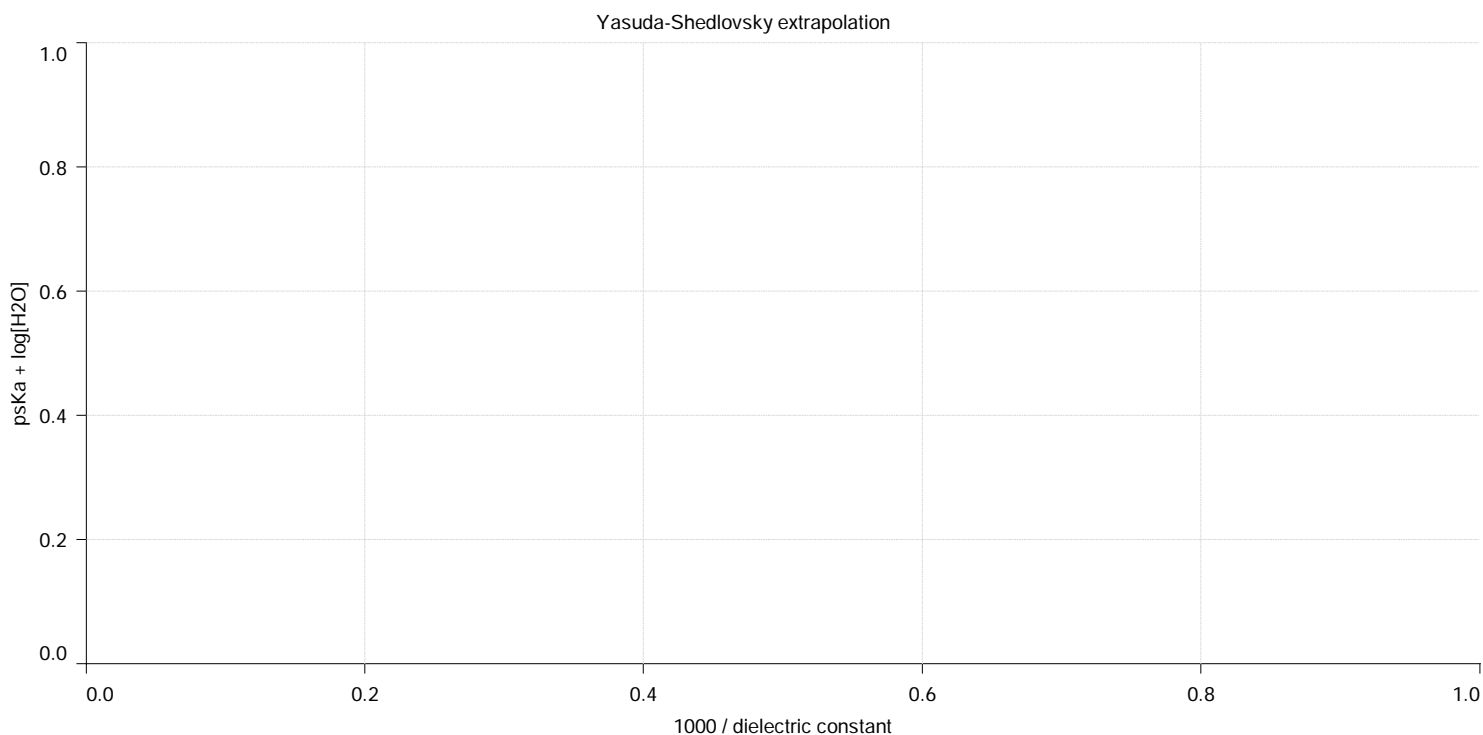
### Yasuda-Shedlovsky result

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
11I-13012 Points 54 to 80	38.73 %	Up	pH-metric	60.9	30.7 M	0.178 M	27.0°C
11I-13012 Points 28 to 53	51.84 %	Up	pH-metric	55.1	23.4 M	0.173 M	26.4°C
11I-13012 Points 3 to 27	65.08 %	Up	pH-metric	49.1	16.5 M	0.162 M	25.3°C

### Graphs



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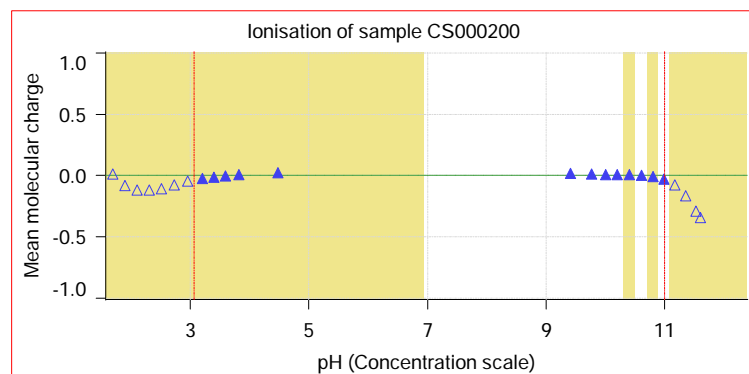
Experiment start time: **13/09/2011 17:52:09**  
 Analyst:  
 Instrument ID: **T311042**

## pH-metric psKa Titration 1 of 3 11I-13012 Points 3 to 27

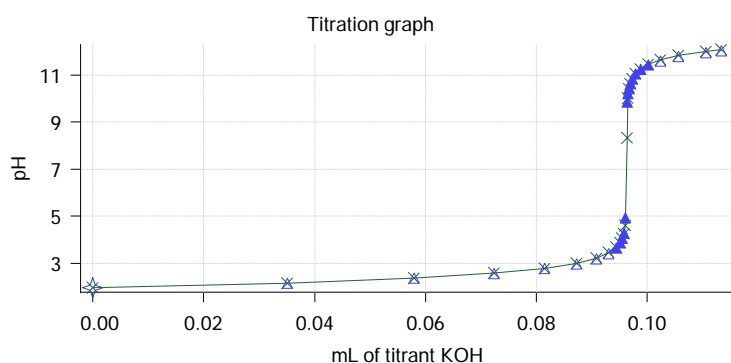
### Sample

 CS000200 concentration factor 1.013

### Sample graphs



### Other graphs



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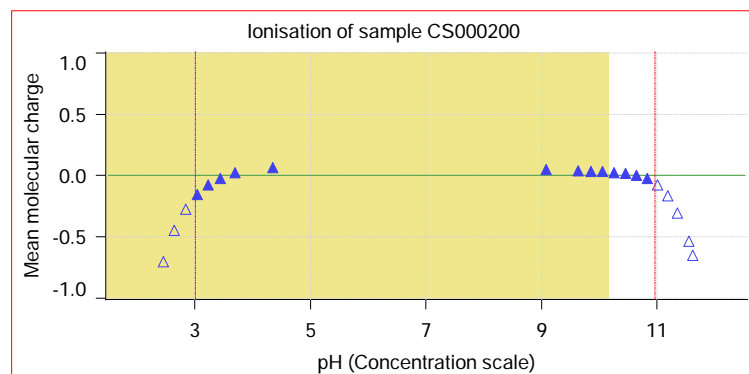
Experiment start time: **13/09/2011 17:52:09**  
 Analyst:  
 Instrument ID: **T311042**

## pH-metric psKa Titration 2 of 3 11I-13012 Points 28 to 53

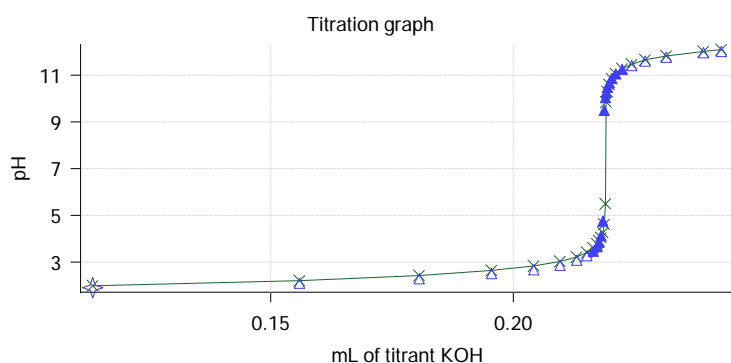
### Sample

 CS000200 concentration factor 1.093

### Sample graphs



### Other graphs



Sample name: **CS000200**  
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 Assay ID: **11I-13012**  
 Filename: **E:\T3 DATA\1109\11I-13012\_CS000200\_pH-metric psKa.t3r**

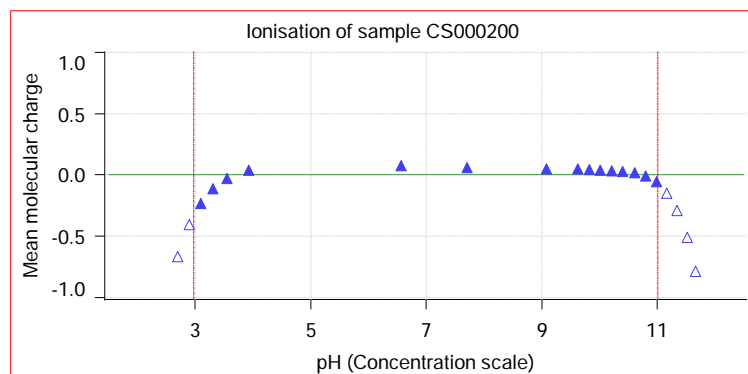
Experiment start time: **13/09/2011 17:52:09**  
 Analyst:  
 Instrument ID: **T311042**

## pH-metric psKa Titration 3 of 3 11I-13012 Points 54 to 80

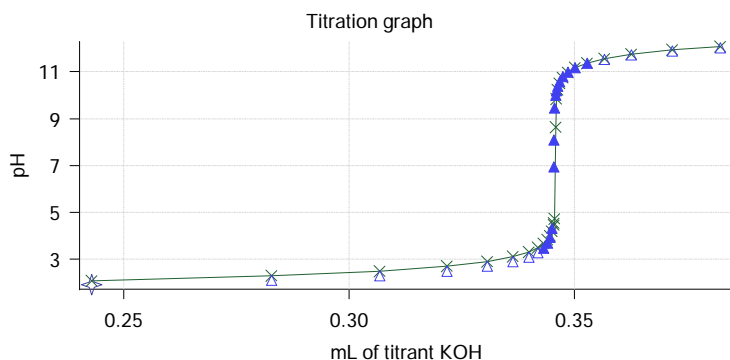
### Sample

 CS000200 concentration factor 1.070

### Sample graphs



### Other graphs



### Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000200		
Sample by	Weight		
Sample weight	0.001020 g		
Formula weight	366.76 g/mol		
Solubility	Unknown		
Molecular weight	366.76		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00		