



## Yasuda-Shedlovsky Result

Sample name: **CS000204**  
Assay name: **Fast UV psKa**  
Assay ID: **11I-15011**  
Filename: **E:\T3 DATA\1109\11I-15011\_CS000204\_Fast UV psKa.t3r**

Experiment start time: **15/09/2011 11:54:34**  
Analyst:  
Instrument ID: **T311042**

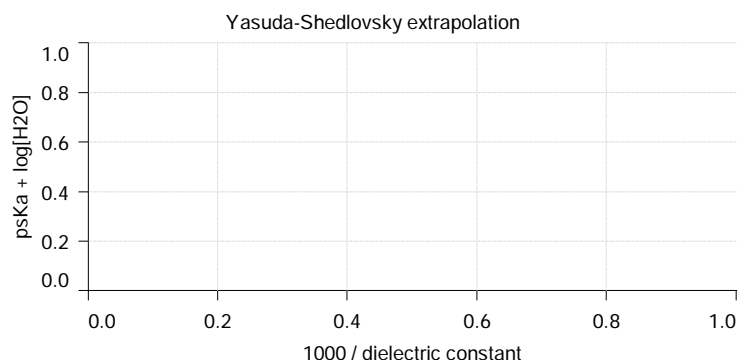
### Yasuda-Shedlovsky result

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
11I-15011 Points 107 to 159	19.91 %	Up	UV-metric pKa	76.8	45.1 M	0.206 M	27.0°C
11I-15011 Points 54 to 106	26.65 %	Up	UV-metric pKa	76.8	41.6 M	0.203 M	26.0°C
11I-15011 Points 3 to 53	35.79 %	Up	UV-metric pKa	75.8	36.7 M	0.194 M	27.0°C

### Graphs

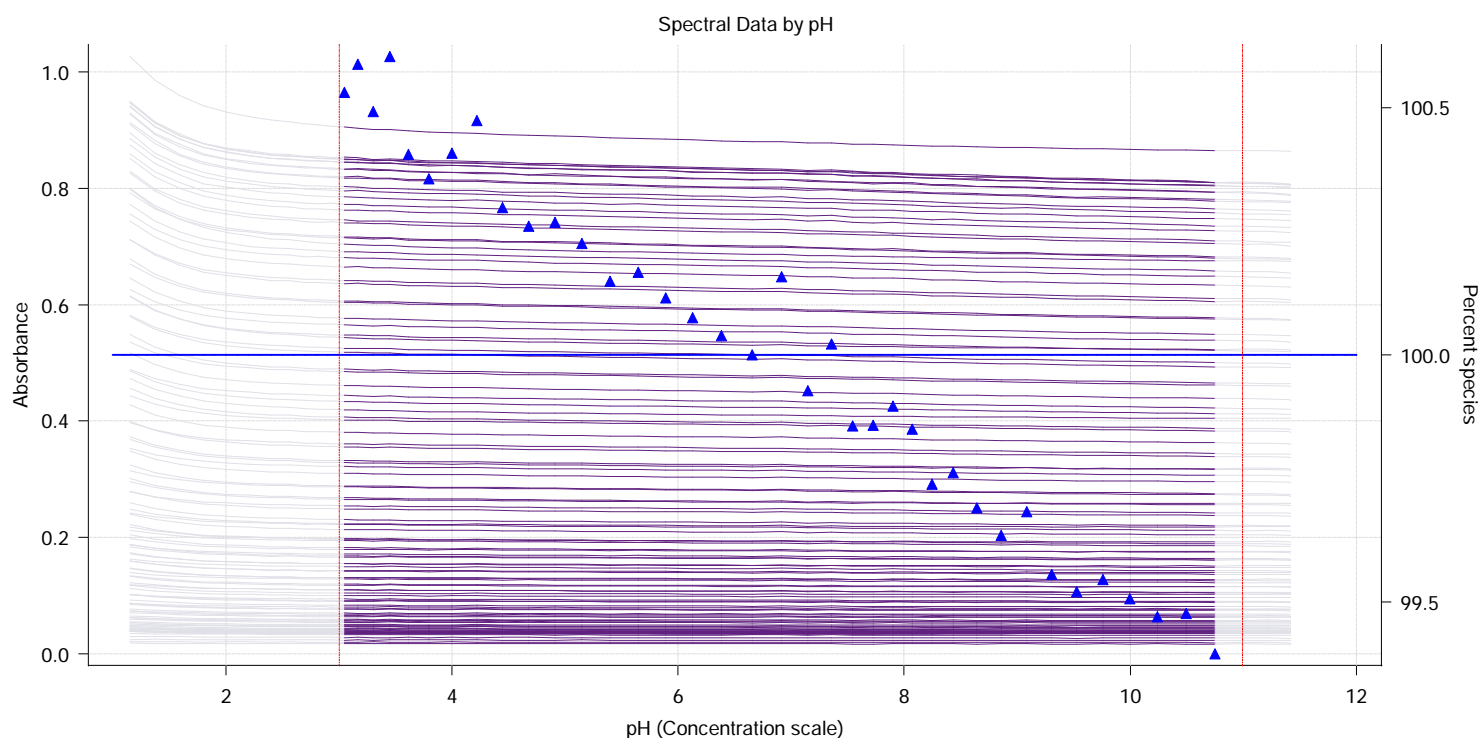
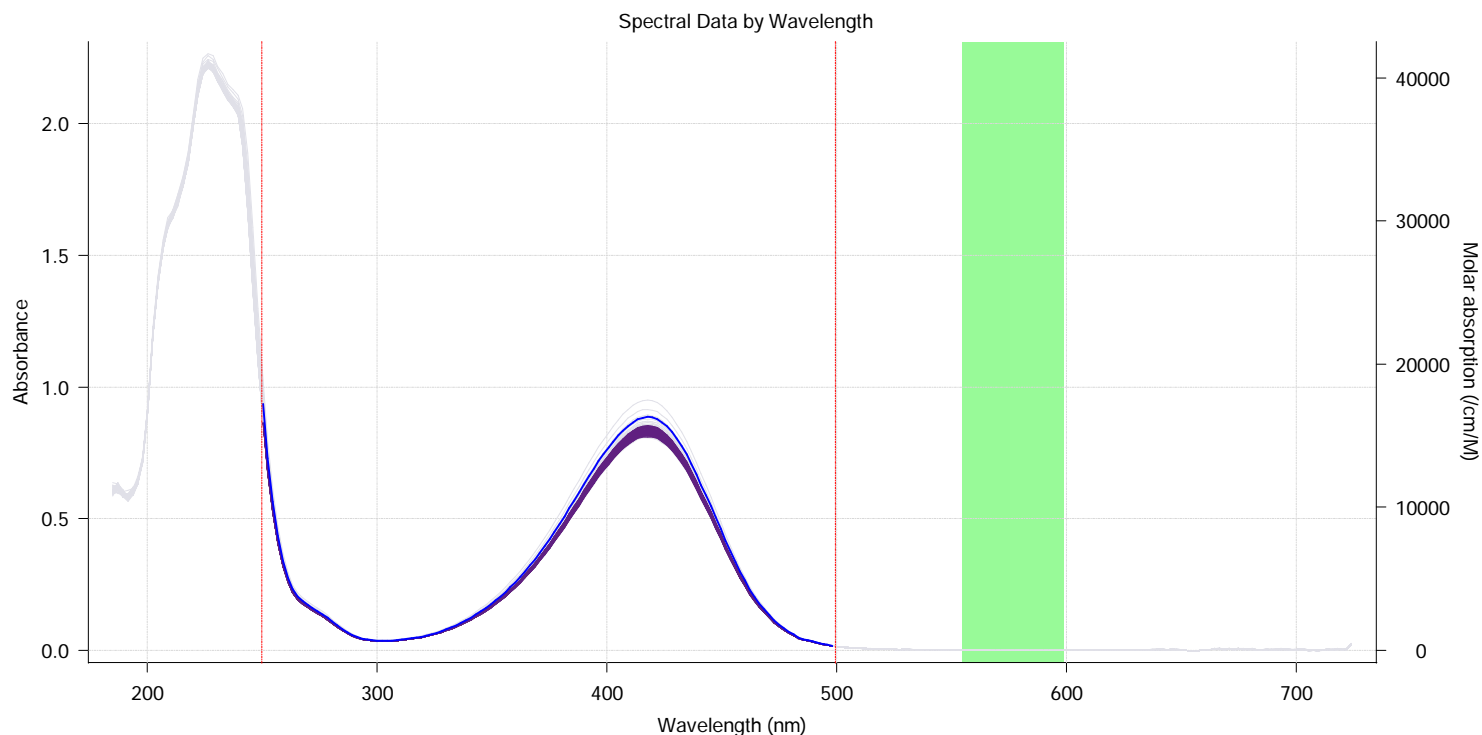


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## Fast UV psKa Titration 1 of 3 11I-15011 Points 3 to 53

### Graphs

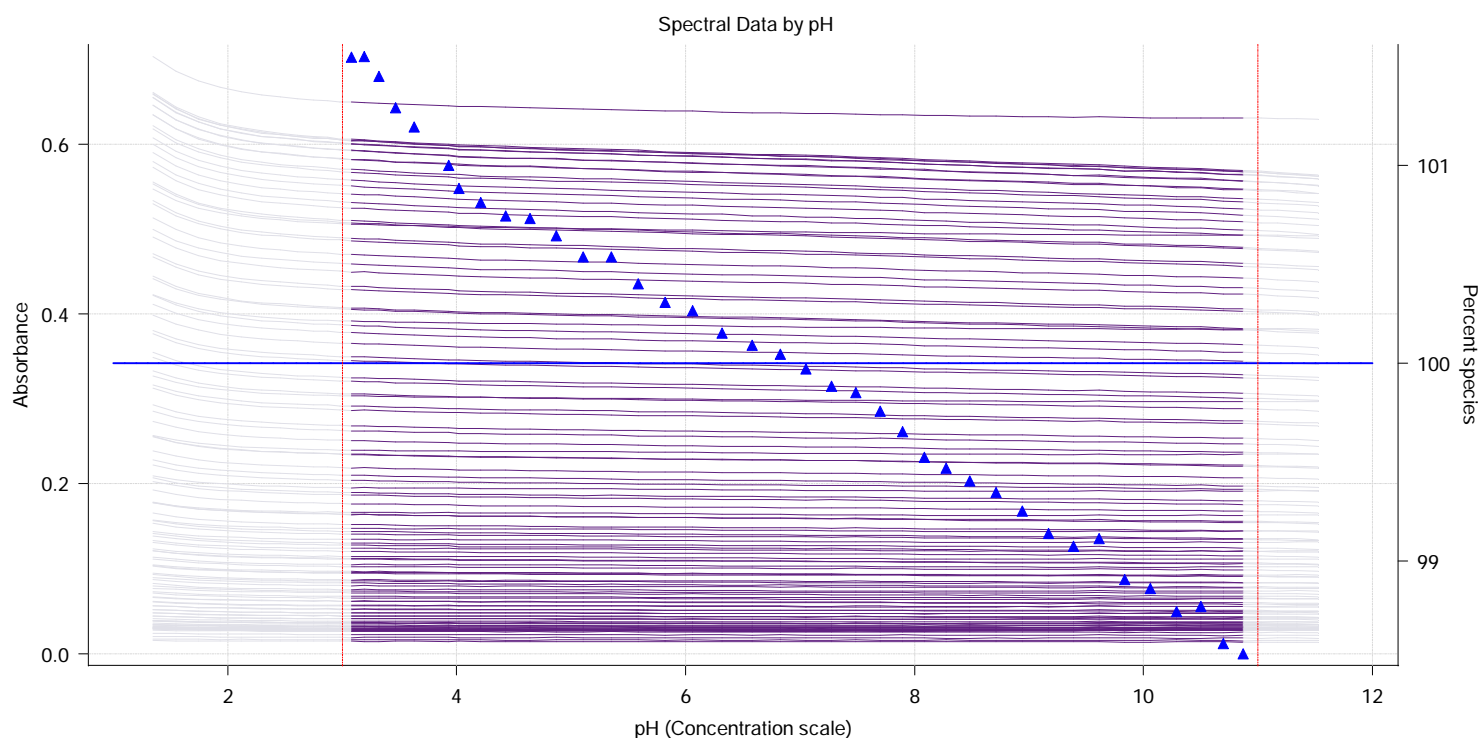
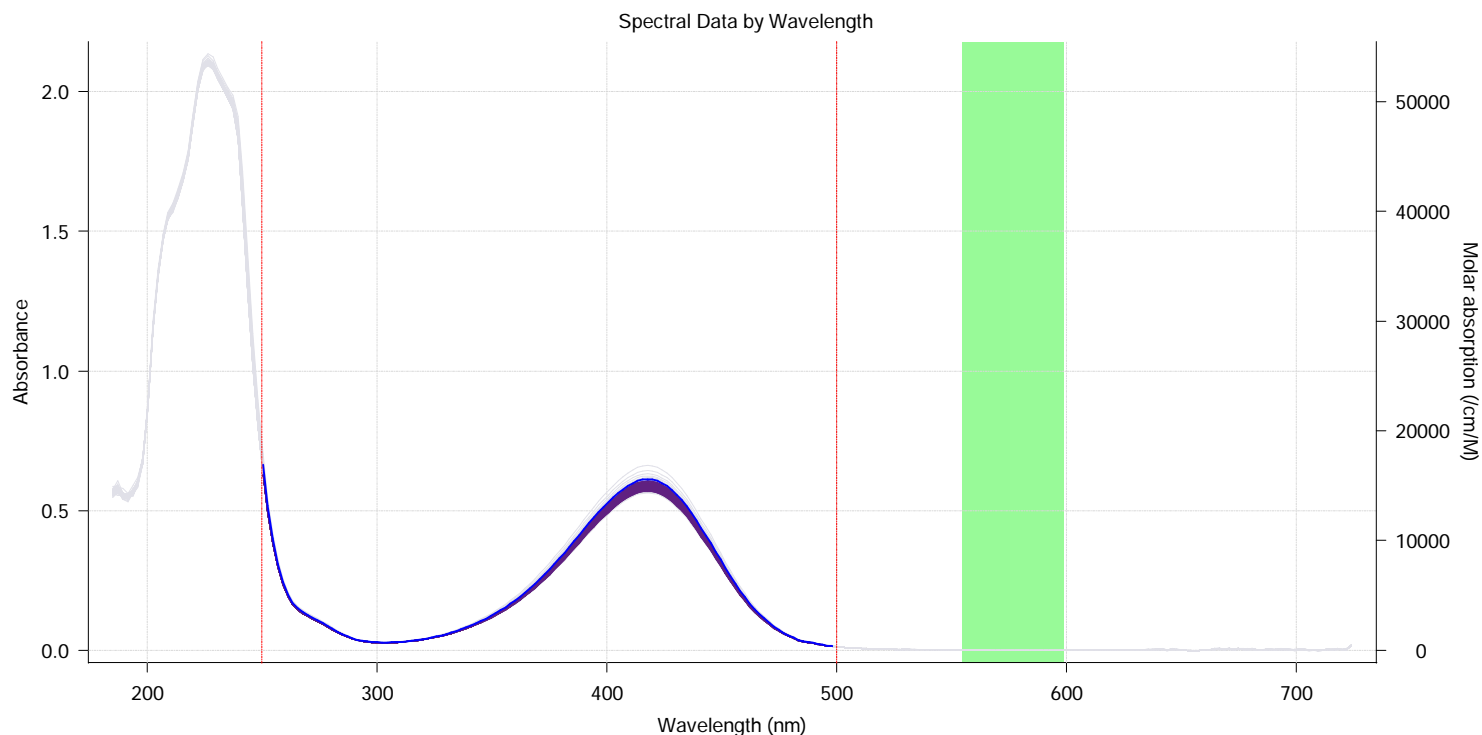


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## Fast UV psKa Titration 2 of 3 11I-15011 Points 54 to 106

### Graphs

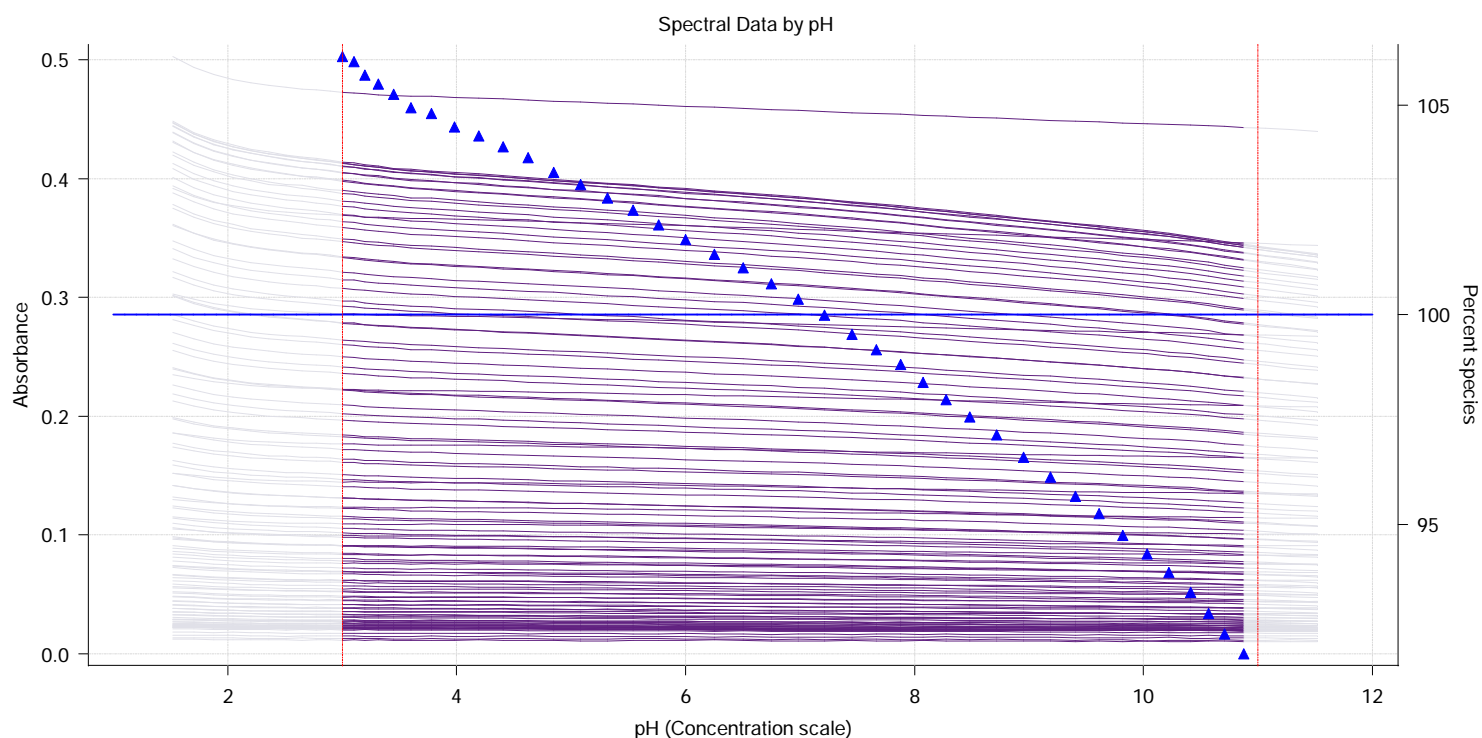
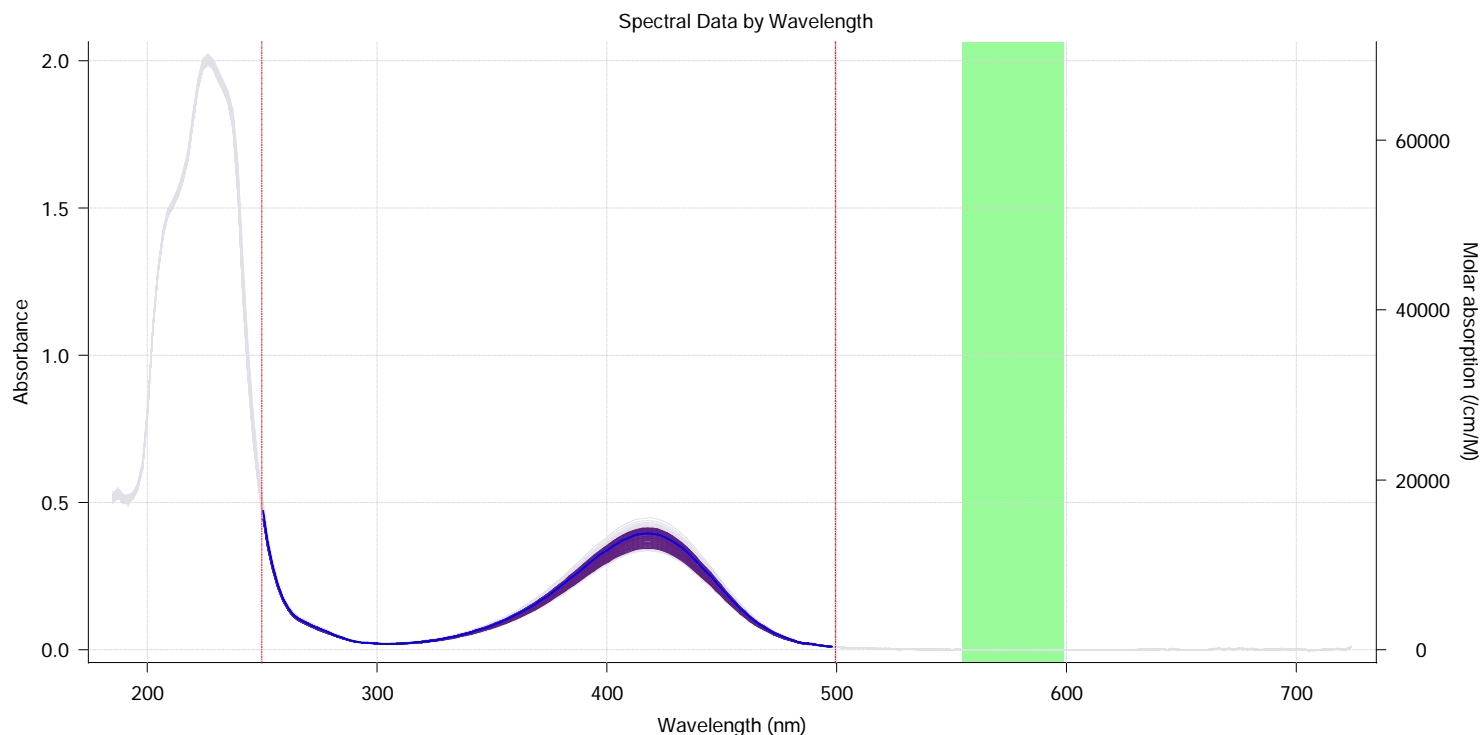


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 Analyst:  
 Instrument ID: **T311042**

## Fast UV psKa Titration 3 of 3 11I-15011 Points 107 to 159

### Graphs





## Assay model

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Experiment start time: **15/09/2011 11:54:34**  
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### Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000204		
Sample by	Volume	15/09/2011 10:15:02	E:\T3 DATA\1109\11I-01002_CS000275_Clean up.t3r
Sample volume	0.0100 mL	15/09/2011 10:15:02	E:\T3 DATA\1109\11I-01002_CS000275_Clean up.t3r
Solvent	DMSO		
Sample concentration	0.010000 M		
Solubility	Unknown	15/09/2011 10:15:02	E:\T3 DATA\1109\11I-01002_CS000275_Clean up.t3r
Molecular weight	349.34		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	15/09/2011 10:15:02	E:\T3 DATA\1109\11I-01002_CS000275_Clean up.t3r

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