# Yasuda-Shedlovsky Result

| | | | |
|---|---|---|---|
| Sample name: | **CS000102** | Experiment start time: | **16/08/2011 12:11:57** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11H-16006** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-16006_CS000102_pH-metric psKa.t3r** | | |

## Yasuda-Shedlovsky result

| Extrapolation type | pKa 0% | SD | Intercept | Slope | $R^2$ | Ionic strength | Temperature |
|---|---|---|---|---|---|---|---|

## Component assay results

| Titration | Methanol weight% | Direction | Result type | Dielectric constant | [H2O] | Ionic strength | Temperature |
|---|---|---|---|---|---|---|---|
| 11H-16006 Points 65 to 98 | 35.25 % | Up | pH-metric | 62.2 | 32.7 M | 0.184 M | 27.7°C |
| 11H-16006 Points 33 to 64 | 48.92 % | Up | pH-metric | 56.3 | 25.0 M | 0.177 M | 26.6°C |
| 11H-16006 Points 3 to 32 | 65.53 % | Up | pH-metric | 48.7 | 16.2 M | 0.162 M | 25.9°C |

## Graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000102** | Experiment start time: | **16/08/2011 12:11:57** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11H-16006** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-16006_CS000102_pH-metric psKa.t3r** | | |

# pH-metric psKa Titration 1 of 3 11H-16006 Points 3 to 32 Quality: Good

## Sample

CS000102 concentration factor 0.737

## Sample graphs

## Other graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000102** | Experiment start time: | **16/08/2011 12:11:57** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11H-16006** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-16006_CS000102_pH-metric psKa.t3r** | | |

# pH-metric psKa Titration 2 of 3 11H-16006 Points 33 to 64 Quality: Good

## Sample

CS000102 concentration factor 0.831

## Sample graphs

## Other graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000102** | Experiment start time: | **16/08/2011 12:11:57** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11H-16006** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-16006_CS000102_pH-metric psKa.t3r** | | |

# pH-metric psKa Titration 3 of 3 11H-16006 Points 65 to 98 Quality: Good

## Sample

CS000102 concentration factor 1.203

## Sample graphs

## Other graphs

## Assay Model

| Settings | Value | Date/Time changed | Imported from |
|---|---|---|---|
| Sample name | CS000102 | | |
| Sample by | Weight | 16/08/2011 12:08:32 | E:\T3 DATA\1108\11H-03011_CS000037_pH-metric psKa.t3r |
| Sample weight | 0.000960 g | | |
| Formula weight | 408.42 g/mol | | |
| Solubility | Unknown | 16/08/2011 12:08:32 | E:\T3 DATA\1108\11H-03011_CS000037_pH-metric psKa.t3r |
| Molecular weight | 408.42 | | |
| Individual pKa ionic environments | No | | |
| Number of pKas | 0 | | |
| logP (neutral X) | -10.00 | 16/08/2011 12:08:32 | E:\T3 DATA\1108\11H-03011_CS000037_pH-metric psKa.t3r |