# Yasuda-Shedlovsky Result

| | | | |
|---|---|---|---|
| Sample name: | **CS000119** | Experiment start time: | **22/08/2011 14:44:21** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11H-22010** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-22010_CS000119_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-22010 Points 54 to 84 | 26.46 % | Up | pH-metric | 66.2 | 38.0 M | 0.183 M | 27.4°C |
| 11H-22010 Points 26 to 53 | 36.13 % | Up | pH-metric | 62.0 | 32.2 M | 0.176 M | 27.2°C |
| 11H-22010 Points 3 to 25 | 47.32 % | Up | pH-metric | 57.2 | 25.9 M | 0.164 M | 26.3°C |

## Graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000119** | Experiment start time: | **22/08/2011 14:44:21** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11H-22010** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-22010_CS000119_pH-metric psKa.t3r** | | |

# pH-metric psKa Titration 1 of 3 11H-22010 Points 3 to 25

## Sample

CS000119 concentration factor 0.700

## Sample graphs

## Other graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000119** | Experiment start time: | **22/08/2011 14:44:21** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11H-22010** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-22010_CS000119_pH-metric psKa.t3r** | | |

# pH-metric psKa Titration 2 of 3 11H-22010 Points 26 to 53

## Sample

CS000119 concentration factor 0.721

## Sample graphs

## Other graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000119** | Experiment start time: | **22/08/2011 14:44:21** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11H-22010** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-22010_CS000119_pH-metric psKa.t3r** | | |

# pH-metric psKa Titration 3 of 3 11H-22010 Points 54 to 84

## Sample

CS000119 concentration factor 0.832

## Sample graphs

## Other graphs

## Assay Model

| Settings | Value | Date/Time changed | Imported from |
|---|---|---|---|
| Sample name | CS000119 | | |
| Sample by | Weight | 22/08/2011 13:07:31 | E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r |
| Sample weight | 0.001180 g | | |
| Formula weight | 358.42 g/mol | | |
| Solubility | Unknown | 22/08/2011 13:07:31 | E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r |
| Molecular weight | 358.42 | | |
| Individual pKa ionic environments | No | | |
| Number of pKas | 0 | | |
| logP (neutral X) | -10.00 | 22/08/2011 13:07:31 | E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r |