# Yasuda-Shedlovsky Result

| | | | |
|---|---|---|---|
| Sample name: | **CS000082** | Experiment start time: | **31/07/2011 17:43:59** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11G-31010** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1107\11G-31010_CS000082_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 |
|---|---|---|---|---|---|---|---|
| 11G-31010 Points 62 to 93 | 27.94 % | Up | pH-metric | 66.5 | 37.1 M | 0.180 M | 24.9°C |
| 11G-31010 Points 32 to 61 | 37.70 % | Up | pH-metric | 62.2 | 31.3 M | 0.173 M | 24.3°C |
| 11G-31010 Points 3 to 31 | 48.64 % | Up | pH-metric | 57.5 | 25.2 M | 0.162 M | 23.3°C |

## Graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000082** | Experiment start time: | **31/07/2011 17:43:59** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11G-31010** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1107\11G-31010_CS000082_pH-metric psKa.t3r** | | |

# pH-metric psKa Titration 1 of 3 11G-31010 Points 3 to 31

## Sample

CS000082 concentration factor 0.842

## Sample graphs

## Other graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000082** | Experiment start time: | **31/07/2011 17:43:59** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11G-31010** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1107\11G-31010_CS000082_pH-metric psKa.t3r** | | |

# pH-metric psKa Titration 2 of 3 11G-31010 Points 32 to 61

## Sample

CS000082 concentration factor 0.865

## Sample graphs

## Other graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000082** | Experiment start time: | **31/07/2011 17:43:59** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11G-31010** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1107\11G-31010_CS000082_pH-metric psKa.t3r** | | |

# pH-metric psKa Titration 3 of 3 11G-31010 Points 62 to 93

## Sample

CS000082 concentration factor 0.830

## Sample graphs

## Other graphs

## Assay Model

| Settings | Value | Date/Time changed | Imported from |
|---|---|---|---|
| Sample name | CS000082 | 31/07/2011 17:43:50 | E:\T3 DATA\1107\11G-31004_CS000082_pH-metric psKa.t3r |
| Sample by | Weight | 31/07/2011 17:43:50 | E:\T3 DATA\1107\11G-31004_CS000082_pH-metric psKa.t3r |
| Sample weight | 0.001380 g | | |
| Formula weight | 461.50 g/mol | 31/07/2011 17:43:50 | E:\T3 DATA\1107\11G-31004_CS000082_pH-metric psKa.t3r |
| Solubility | Unknown | 31/07/2011 17:43:50 | E:\T3 DATA\1107\11G-31004_CS000082_pH-metric psKa.t3r |
| Molecular weight | 461.50 | | |
| Individual pKa ionic environments | No | | |
| Number of pKas | 0 | | |
| logP (neutral X) | -10.00 | 31/07/2011 17:43:50 | E:\T3 DATA\1107\11G-31004_CS000082_pH-metric psKa.t3r |