# Yasuda-Shedlovsky Result

| | | | |
|---|---|---|---|
| Sample name: | **CS000073** | Experiment start time: | **01/08/2011 16:22:54** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11H-01009** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-01009_CS00073_pH-metric psKa.t3r** | | |

## Yasuda-Shedlovsky result

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

## Component assay results

| Titration | DMSO weight% | Direction | Result type | Dielectric constant | [H2O] | Ionic strength | Temperature |
|---|---|---|---|---|---|---|---|
| 11H-01009 Points 65 to 102 | 24.81 % | Up | pH-metric | 77.3 | 42.6 M | 0.193 M | 25.0°C |
| 11H-01009 Points 30 to 64 | 32.51 % | Up | pH-metric | 76.8 | 38.5 M | 0.187 M | 25.0°C |
| 11H-01009 Points 3 to 29 | 41.95 % | Up | pH-metric | 76.1 | 33.4 M | 0.175 M | 24.2°C |

## Graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000073** | Experiment start time: | **01/08/2011 16:22:54** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11H-01009** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-01009_CS00073_pH-metric psKa.t3r** | | |

# pH-metric psKa Titration 1 of 3 11H-01009 Points 3 to 29

## Sample

CS000073 concentration factor 1.000

## Sample graphs

## Other graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000073** | Experiment start time: | **01/08/2011 16:22:54** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11H-01009** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-01009_CS00073_pH-metric psKa.t3r** | | |

# pH-metric psKa Titration 2 of 3 11H-01009 Points 30 to 64

## Sample

CS000073 concentration factor 0.706

## Sample graphs

## Other graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000073** | Experiment start time: | **01/08/2011 16:22:54** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11H-01009** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-01009_CS00073_pH-metric psKa.t3r** | | |

# pH-metric psKa Titration 3 of 3 11H-01009 Points 65 to 102

## Sample

CS000073 concentration factor 0.819

## Sample graphs

## Other graphs

## Assay Model

| Settings | Value | Date/Time changed | Imported from |
|---|---|---|---|
| Sample name | CS000073 | | |
| Sample by | Weight | | |
| Sample weight | 0.001330 g | | |
| Formula weight | 346.43 g/mol | | |
| Solubility | Unknown | | |
| Molecular weight | 346.43 | | |
| Individual pKa ionic environments | No | | |
| Number of pKas | 0 | | |
| logP (neutral X) | -10.00 | | |