# Yasuda-Shedlovsky Result

| | | | |
|---|---|---|---|
| Sample name: | **CS00066** | Experiment start time: | **02/08/2011 15:44:48** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11H-02008** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1107\11H-02008_CS00066_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-02008 Points 64 to 101 | 24.52 % | Up | pH-metric | 76.1 | 42.7 M | 0.194 M | 28.5°C |
| 11H-02008 Points 30 to 63 | 32.10 % | Up | pH-metric | 75.6 | 38.6 M | 0.187 M | 28.3°C |
| 11H-02008 Points 3 to 29 | 41.42 % | Up | pH-metric | 75.1 | 33.6 M | 0.175 M | 27.4°C |

## Graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS00066** | Experiment start time: | **02/08/2011 15:44:48** |
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| Assay ID: | **11H-02008** | Instrument ID: | **T311042** |
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# pH-metric psKa  Titration 1 of 3  11H-02008 Points 3 to 29

## Sample

CS00066 concentration factor  0.846

## Sample graphs

## Other graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS00066** | Experiment start time: | **02/08/2011 15:44:48** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11H-02008** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1107\11H-02008_CS00066_pH-metric psKa.t3r** | | |

# pH-metric psKa  Titration 2 of 3  11H-02008 Points 30 to 63

## Sample

CS00066 concentration factor  0.957

## Sample graphs

## Other graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS00066** | Experiment start time: | **02/08/2011 15:44:48** |
| Assay name: | **pH-metric psKa** | Analyst: | |
| Assay ID: | **11H-02008** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1107\11H-02008_CS00066_pH-metric psKa.t3r** | | |

# pH-metric psKa Titration 3 of 3 11H-02008 Points 64 to 101

## Sample

CS00066 concentration factor 0.837

## Sample graphs

## Other graphs

## Assay Model

| Settings | Value | Date/Time changed | Imported from |
|---|---|---|---|
| Sample name | CS00066 | | |
| Sample by | Weight | | |
| Sample weight | 0.000900 g | | |
| Formula weight | 381.46 g/mol | | |
| Solubility | Unknown | | |
| Molecular weight | 381.46 | | |
| Individual pKa ionic environments | No | | |
| Number of pKas | 0 | | |
| logP (neutral X) | -10.00 | | |