## TAM Assistant Analysis Report
# *Kinetics*

## Model

Autocatalytic
d[C]/dt = k([A]o - (a/c)([C]-[C]o)) [C]

## Model Input Parameters

a/c: 1

## Signal

### Input

| | |
|---|---|
| Results file path: | ***C:\Users\S\Documents\Diazo\Ampoule (4-21-16) CH3O-Ph-N2-OTf-85 V0.rslt*** |
| Measurement signal: | Data series.Signal |
| Mass: | 10mg |
| [A]o: | 456µmol/g |

### Results

| | |
|---|---|
| Po: | 58.87µW |
| k: | 0.04491 g*s^-1*mol^-1 ± 3.8e-4 g*s^-1*mol^-1 |
| dH: | 1.068 MJ/mol ± 1.9 kJ/mol |
| Co: | 2.69e-4 ± 2.9e-6 |
| Standard deviation: | 2.5019µW |
| NDF: | 5618 |