# 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 (7-29-16) m NO2-Ph-N2-OTf-85.rslt*** |
| Measurement signal: | Data series.Signal |
| Mass: | 10mg |
| [A]o: | 3.3424mmol/g |

### Results

| | |
|---|---|
| Po: | 4.1968µW |
| k: | 0.04336 g*s^-1*mol^-1 ± 1.5e-4 g*s^-1*mol^-1 |
| dH: | 221.0 kJ/mol ± 560 J/mol |
| Co: | 1.31e-5 ± 2.5e-7 |
| Standard deviation: | 12.253µW |
| NDF: | 5218 |