# 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 (3-18-16) NO2 Ph-N2-OTs V.rslt*** |
| Measurement signal: | Data series.Signal |
| Mass: | 10mg |
| [A]o: | 3.1123mmol/g |

### Results

| | |
|---|---|
| Po: | 14.435µW |
| k: | 0.07164 g*s^-1*mol^-1 ± 4.4e-4 g*s^-1*mol^-1 |
| dH: | 245.0 kJ/mol ± 800 J/mol |
| Co: | 2.64e-5 ± 8.1e-7 |
| Standard deviation: | 15.858µW |
| NDF: | 5476 |