**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 (6-17-16) NO2 Ph-N2-OTs V3 PK2 Ar.rslt*** |
| Measurement signal: | Data series.Signal |
| Mass: | 10mg |
| [A]o: | 3.1123mmol/g |

### Results

| | |
|---|---|
| Po: | 13.761µW |
| k: | 88.281mg*s^-1*mol^-1 [Error could not be calculated] |
| dH: | 247.12kJ/mol [Error could not be calculated] |
| Co: | 2.0267e-5 [Error could not be calculated] |
| Standard deviation: | 18.315µW |
| NDF: | 5080 |