## 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: | ***S:\TAM-work\Diazo\Article-Diazo-Calorim-TAMIII\4 NO2C6H4N2+ BF4- 85 Nitrogen 1-21-16.rslt*** |
| Measurement signal: | Data series.Signal |
| Mass: | 10mg |
| [A]o: | 4.2208mmol/g |

### Results

| | |
|---|---|
| Po: | 186.71µW |
| k: | 0.07665 g*s^-1*mol^-1 ± 3.3e-4 g*s^-1*mol^-1 |
| dH: | 143.1 kJ/mol ± 290 J/mol |
| Co: | 4.032e-4 ± 3.9e-6 |
| Standard deviation: | 6.4394µW |
| NDF: | 5944 |