## **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 (8-11-16) p

NO2-Ph-N2-BF4-85.rslt

Measurement signal: Data series.Signal

Mass: 10mg

4.2208mmol/g [A]o:

#### Results

**Measure d** 

0

Po:  $123.67\mu W$ 

 $0.06396 \text{ g*s}^{-1*\text{mol}^{-1} \pm 2.6\text{e-4 g*s}^{-1*\text{mol}^{-1}}$ k:

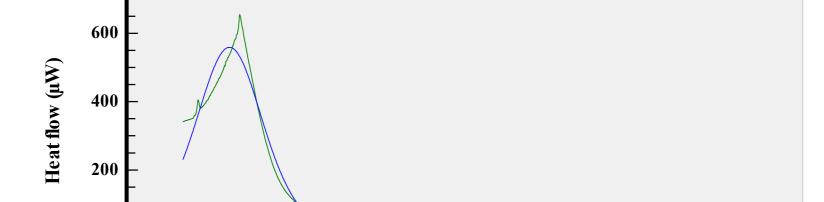
dH:  $173.9 \text{ kJ/mol} \pm 370 \text{ J/mol}$ 

Co:  $2.63e-4 \pm 3.1e-6$  $21.842 \mu W$ Standard deviation:

**Calculated** 

6

NDF: 5144



12

Time (hour)

18

24