

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<sup>-1</sup>\*mol<sup>-1</sup> [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

Measured Calculated

