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 (6-21-16) NO2 Ph-N2-OTs V3 PK2 Ar.rslt*

Measurement signal: Data series.Signal
Mass: 10mg
[A]o: 3.1123mmol/g

Results
Po: 13.704µW
k: 0.1019 g*s^-1*mol^-1 ± 6.1e-4 g*s^-1*mol^-1
dH: 248.8 kJ/mol ± 920 J/mol
Co: 1.74e-5 ± 5.5e-7
Standard deviation: 22.81µW
NDF: 5383

—— **Measured**   —— **Calculated**