

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 (2-9-16) NO2 Ph-N2-Tf-85.rslt
Measurement signal: Data series.Signal
Mass: 10mg
[A]o: 3.3424mmol/g

Results

Po: 7.9523μW
k: 116.81mg*s⁻¹*mol⁻¹ [Error could not be calculated]
dH: 249.84kJ/mol [Error could not be calculated]
Co: 8.1523e-6 [Error could not be calculated]
Standard deviation: 29.975μW
NDF: 4913

Measured Calculated

