

Differential Scanning Calorimetry-Purity

List just 5 data points from your Excel spreadsheet, taken across the full range of temperatures, so your pre-melting correction can be checked.

T(°C)	T (K)	A	F	A corrected	F corrected	1/F
total A=			total corrected A=			

slope = _____ ± _____ attach plot.

intercept = _____ ± _____

indium area		
indium ΔH		cal/g
indium weight		mg
sample area		
sample weight		mg
sample MM		g/mol
ΔH sample		cal/mol

mol% impurity= _____ ± _____