Two Drop Version 1.3
temperature (C) = 25
heater before = yes
heater before pulse size (cal) = .1
heater on before at (minutes) = 30
heater after = yes
heater after pulse size (cal) = .1
heater on after at (minutes) = 255
analyst = diverdi
data book reference = n/a
vial description = potassiumnitrate
syringe description = H2O
injection time (minutes) = 45
stirrer = continuous
stirrer on at (minutes) = 8
stirrer off at (minutes) = 25
duration (minutes) = 280
RCM # = n/a
Comment = H2O titrated into KNO3
Syringe Volume = 0
Vial Volume = 51
Integration Length = 20
Date = 06/06/2011
Temperature = 25.0
Heat Pulse Before (area in cal) =
Heat Pulse After (area in cal) =
Injection (area in cal) =
Pressure Rise (atm) = 0.00
solid in vial
Syringe Solution Density =
time (minutes), heat rate (mJ/s), pressure (atm)
0.026,1.9728,7.51
0.044,1.9664,7.51
0.061,1.9617,7.51
0.078,1.9573,7.51
0.095,1.9532,7.51
0.112,1.9490,7.51
0.129,1.9460,7.51
0.146,1.9426,7.51
0.163,1.9398,7.51
0.180,1.9363,7.51
0.197,1.9330,7.51
0.214,1.9302,7.51
0.231,1.9275,7.51
0.248,1.9242,7.51
0.265,1.9212,7.51
0.282,1.9186,7.51
0.299,1.9152,7.51
0.316,1.9112,7.51
0.333,1.9089,7.51
0.350,1.9058,7.51
0.367,1.9029,7.51
0.384,1.9011,7.51
0.401,1.8985,7.51
0.418,1.8966,7.51
0.435,1.8946,7.51
0.452,1.8934,7.51
0.469,1.8909,7.51
0.486,1.8884,7.51
0.503,1.8869,7.51
0.520,1.8846,7.51
0.537,1.8827,7.51
0.554,1.8799,7.51