Report No. (9)

DETERMINATION OF REACTION ENTHALPY

Student Names: …… Section No: ……

The objective of the experiment:

……..……

Reaction equation:

……..……

Results and calculations:

$m_{calorimeter}$ (g)	$m_{solution}$ (g)	t_1 (^oC)	t_2 (^oC)	$\Delta T = t_2 - t_1$ (^oC)	ρ_{water} (J/g ^oC)	ρ_{glass} (J/g ^oC)
					4.18	0.836

1. **Heat gained by solution . ($q_{Solution}$)**

2. **Heat gained by calorimeter . ($q_{calorimeter}$)**

3. **Total gained heat .**

4. **NaOH number of moles :**

5. **Enthalpy of the reaction (ΔH)**