

LABORATORY REPORT SHEET(1)

Name _____ Section _____ Date _____

Part a *Preparation of KHP Solution*

Mass KHP in 100.0 mL flask (g) _____

Moles KHP in 100.0 mL flask _____

Molarity of KHP solution _____

Part b *Standardization of NaOH Solution*

Code number of NaOH solution _____

Vol. KHP in Erlenmeyer flasks (mL) _____

moles KHP in Erlenmeyer flasks _____

Titration #	1	2	3	4	5
Vol. NaOH to endpoint (mL)	_____	_____	_____	_____	_____

Conc. of NaOH solution (M)	_____	_____	_____	_____	_____
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Mean conc. of NaOH solution _____ Standard Deviation _____

LABORATORY REPORT SHEET (2)

Name _____ Section _____ Date _____

Part c *Molecular Weight Determination*

Unknown Acid Number _____

Mass of Acid, g _____

Conc. of NaOH solution (M) _____

Titration #	1	2	3	4	5
Vol. NaOH to endpoint (mL)	_____	_____	_____	_____	_____

Moles unknown acid	_____	_____	_____	_____	_____
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Molecular Mass unknown acid	_____	_____	_____	_____	_____
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Mean Molecular Mass _____ Standard Deviation _____

Molarity of UnknowAcid _____