

Report No. (7)

DETERMINATION THE MOLAR MASS OF VOLATILE LIQUID

Student Names: Section No:

The objective of the experiment:

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Results and calculations:

Report your measurements as follows:

m₁ g	m₂ g	V ml	T K	P atm

1. Calculate the mass of the unknown gas (*it equals the mass of the condensed vapor*)

2. Calculate the molar mass of the unknown substance

R = 82.06 cm³.atm/K.mol OR R = 0.0821 L.atm/K.mol