

Partial Molal Volume

Name _____

Solute _____ MM _____ g/mol

d(25°C) (g/mL)	m (mol/kg)	V^{1kg} (ml)	V^{1kg} fit* (mL)	V_2 (mL/mol)	V_1 (mL/mol)	Apparent Molar V (mL/mol)
	0					

* Fit coefficients:

$$V = \text{_____ } m^3 + \text{_____ } m^2 + \text{_____ } m + \text{_____}$$

Pure Molar Volume (H₂O) _____ Pure Molar Volume (NaCl) _____

Attach a copy of your plot of V_1 and V_2 vs. m .