

CHM 2210L - DATA TABLE

OXIDATION OF CYCLOHEXANOL TO CYCLOHEXANONE

PHYSICAL PROPERTIES OF REAGENTS AND PRODUCTS

NAME	STRUCTURAL AND FORMULA	MOLAR MASS (g/mol)	DENSITY (g/mL)	MELTING POINT (°C)	BOILING POINT (°C)
(1) Cyclohexanol					
(2) Sodium Hypochlorite (10% solution)			1.15	xxxxx	xxxxx
(3) Cyclohexanone					
(4) Water					

QUANTITIES OF REAGENTS USED AND PRODUCTS FORMED (THEORETICAL AND ACTUAL)

STRUCTURAL FORMULA	VOLUME (mL)	WEIGHT (g)	MOLES (mol)	(mark limiting reactant)
(1)				
(2)	Solution:	Solution: _____	Solute:	
(3)	xxxxxx			ACTUAL
				THEORY
(4)	xxxxxx			THEORY

PERCENT YIELD: _____

(Show all calculations on back or on separate sheet)