

Studyclix Topic Analysis - Leaving Cert Chemistry Experiments

Exam Question	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	FREQUENCY
Flame Test			Q3												Q3				1
Test for Any Anions			Q3												Q3				1
To Measure the Relative Molar Mass of a Volatile Liquid					Q3							Q3							2
To Prepare a Standard Solution of Sodium Carbonate												Q1							1
Neutralisation of NaOH & HCl to make NaCl (Heat of Reaction / Neutralisation)	Q3					Q3					Q3						Q3		4
To Determine the Concentration of Ethanoic Acid in Vinegar								Q1								Q1			2
To Determine the Amount of Water of Crystallisation in Hydrated Sodium Carbonate				Q1						Q1								Q1	3
To Standardise Ammonium Iron (II) Sulfate by Titration against Potassium Permanganate	Q1						Q1												2
To Determine the Amount of Iron in an Iron Tablet															Q1				1
To Prepare a Solution of Sodium Thiosulfate and to Standardise it by Titration against a Solution of Iodine									Q1								Q1		2
To Determine the Percentage of Sodium Hypochlorite in Commercial Bleach			Q1										Q1						2
To Determine the Rate of Production of Oxygen from Hydrogen Peroxide		Q3						Q3								Q3			3
To Study the Effect of Concentration and Temperature on the Rate of Reaction between Sodium Thiosulfate and Hydrochloric Acid				Q3			Q3			Q3				Q3					4
To Determine the Total Hardness in a Water Sample Using EDTA		Q1				Q1								Q1					2
To Determine the Total Suspended Solids (in p.p.m.) in a Water Sample via Filtration									Q3										0.5
To Determine the Total Dissolved Solids (in p.p.m.) in a Water Sample via Evaporation									Q3										0.5
The Winkler Method: To Determine the Amount of Dissolved Oxygen in a Water Sample					Q1						Q1								2
To Measure the Amount of Free Chlorine in Swimming Pool Water Using a Comparator / Colorimeter									Q3									Q3	1.5
To Prepare Ethene & Examine its Properties		Q2			Q2							Q2			Q2				1.5
To Prepare Ethyne & Examine its Properties	Q2						Q2								Q2				2.5
To Extract Eugenol (Clove Oil) from Cloves via Steam Distillation						Q2					Q2		Q2			Q2			3
To Prepare a Sample of Soap			Q2			Q2				Q2			Q2	Q2				Q2	5
To Study the Reactions of Ethanol with (i) Acidified Potassium Permanganate Solution, (ii) Fehling's Reagent and (iii) Ammoniacal Silver Nitrate																			0
To Study the Reactions of Ethanoic Acid with (i) Sodium Carbonate, (ii) Magnesium and (iii) Ethanol					Q2														0
To Recrystallize a Sample of Benzoic Acid		Q2		Q2		Q2		Q2	Q2		Q2		Q3						4.5
To Separate the Components of Ink Using Paper Chromatography																Q2			0.5

Keep in mind:

- Q 1 is always on titrations and volumetric analysis, Q 2 is always on organic experiments, and Q 3 will usually be an experiment that is not part of these topics.

Q 2 is always an Organic Chemistry Experiment

- Some questions haven't been included in this chart because the experiment asked is no longer on the course.

KEY:

Long Question = 1

Short Question = 0.5