

Studyclix Topic Analysis - Leaving Cert Chemistry Experiments

Exam Question	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							1
To Prepare a Standard Solution of Sodium Carbonate										Q1							1
Neutralisation of NaOH & HCL to make NaCl (Heat of Reaction / Neutralisation)				Q3					Q3						Q3		3
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																	1
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			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					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				1.5
To Prepare Ethyne & Examine its Properties					Q2								Q2				1.5
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		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.
- 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