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AQA - Using the Earth's resources and obtaining potable water - GCSE 2022 CS Chemistry

1.	June/2022/Paper_8464/C/2F/No.7			
	0 7.1	Water that is safe to drink is called potable water.		
		Compare how easily potable water can be obtained from:		
		waste water (sewage)		
		ground water (fresh water).	[6 marks]	

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A scientist produced potable water from 150 cm³ of salty water.

Which process can be used to produce potable water from salty water? [1 mark] Tick (\checkmark) one box. Distillation Electrolysis Filtration Sterilisation The salty water contains sodium chloride. 0 7 The scientist collected 2.40 g of sodium chloride from 150 cm³ of salty water. Calculate the concentration of sodium chloride in grams per dm³ [3 marks]

Concentration of sodium chloride = _____ g/dm³

2. June/2022/Paper_8464/C/2H/No.2

0 2 . 1	Water that is safe to drink is called potable water.
	Compare how easily potable water can be obtained from:
	waste water (sewage)
	ground water (fresh water). [6 marks]

aqasolvedexampapers.co.uk A scientist produced potable water from 150 cm³ of salty water.

Which process can be used to produce potable water from salty water? [1 mark] Tick (\checkmark) one box. Distillation Electrolysis Filtration Sterilisation 0 2 . 3 The salty water contains sodium chloride. The scientist collected 2.40 g of sodium chloride from 150 cm³ of salty water. Calculate the concentration of sodium chloride in grams per dm³ [3 marks]

Concentration of sodium chloride =

__ g/dm³