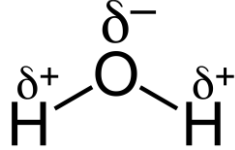


Question Number	Answer	Additional Guidance	Mark
2(a)	<ul style="list-style-type: none"> correct symbol and charge on the oxygen atom (1) correct symbol and charge on both hydrogen atoms (1) 	e.g.  ALLOW one mark for all correct charges without symbols	(2)

Question Number	Answer	Additional Guidance	Mark
2(b)	<ul style="list-style-type: none"> hydrolysis (reaction) 		(1)

Question Number	Answer	Additional Guidance	Mark
2(c)	An explanation that makes reference to the following: <ul style="list-style-type: none"> water is a solvent (1) because water molecules surround { polar molecules / ions } / hydrogen bonds form between water molecules and solute molecules (1) water is liquid so has the ability to flow (1) 	ALLOW allows { polar / ionic molecules / ions } to dissolve ALLOW separation of ions by water molecules ALLOW reference to cohesion between water molecules	(3)