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MARKS DO NOT WRITE IN THIS MARGIN

Dog food contains many different compounds including fats, vegetable oils, fatty acids, flavour and aroma molecules, proteins, water, antioxidants and emulsifiers.

It is important that dog food has a long shelf life, retains its appearance and texture, as well as providing sufficient nutritional value.

Using your knowledge of chemistry, explain the role of different compounds in dog food.

[Turn over

