

Carbonate acid test

Add vinegar to each of rock in turn.

Look for tiny bubbles coming from the rock - they might take a minute to start.

Bubbles are made by carbonate rocks.

Sample	Kind of rock/ mineral	Bubbles with acid?	Rock family carbonate? (or silicate?)
sandstone	sedimentary rock	<i>no</i>	<i>silicate</i>
limestone 1	sedimentary rock		
limestone 2	sedimentary rock		
quartzite	metamorphic rock		
marble	metamorphic rock		
calcite	mineral		
quartz	mineral		

The carbonate rock family:

The mineral _____ is a carbonate, formed from carbon.

Common carbonate rocks are _____ (sedimentary rock)

and _____ (metamorphic rock).

Carbonate acid test

Add vinegar to each of rock in turn.

Look for tiny bubbles coming from the rock - they might take a minute to start.

Bubbles are made by carbonate rocks.

Sample	Kind of rock/ mineral	Bubbles with acid?	Rock family carbonate or silicate?
sandstone	sedimentary rock	<i>no</i>	<i>silicate</i>
limestone 1	sedimentary rock		
limestone 2	sedimentary rock		
quartzite	metamorphic rock		
marble	metamorphic rock		
calcite	mineral		
quartz	mineral		

The carbonate rock family:

The mineral _____ is a carbonate, formed from carbon.

Common carbonate rocks are _____ (sedimentary rock)

and _____ (metamorphic rock).