

~~Part~~ Part 1

"before heating"

Hydrated copper sulfate

: blue, rock style crystals.

Hydrated ferrous sulfate

: light green, sand style crystals.

Hydrated cobalt sulfate

: Dark purple, sugary style.

"After heating"

Hydrated copper sulfate.

: changing color to white

Hydrated ferrous sulfate,

: Sparkling / changing color

Hydrated cobalt sulfate.

: changed from sugary style

crystals, to more smaller crystals

like sand

"before heating"

Sugar

: white, sand style crystals

"After heating"

Sugar

changed to liquid / color

changed to brown

Part 1

"while heating"

Hydrated copper sulfate.

: while heating turning blue and started to changing color with ~~the~~ bubbling.

Hydrated ferrous sulfate.

: The color changed to white.

Hydrated cobalt sulfate.

: bubbling / and changing color from ~~blue to~~ purple to blue

Sugar.

: changed to Thick liquid with brown color.

Part 2

'before heating'

Mass of crucible and sample: 45.929g

Mass of crucible: 42.326g

Mass of sample: 3.603g

'After heating'

Mass of crucible and sample: 44.657g

mass of crucible 42.326g

Mass of sample 2.349g

mass of water lost by dehydration: 1.254g

Mass of crucible and sample 31.193g

mass of crucible: 28.119g

Mass of sample: 3.074g

After heating

mass of crucible and sample: 30.084g

mass of crucible: 28.119g

mass of sample: 1.109g

mass of water lost by dehydration: 1.965g

Part 2

before heating

Mass of crucible and sample: 44.681g

Mass of crucible: 42.681g

Mass of sample: 2g

'After heating'

Mass of crucible and sample: 43.833g

Mass of crucible: ~~42.681g~~ 42.681g

Mass of sample: 1.152g

Mass of water lost by dehydration: 0.848g

before heating.

Mass of crucible and sample: 36.512g

Mass of crucible: 33.653g

Mass of sample: 2.859g

'After heating'

Mass of crucible and sample: 35.862g

Mass of crucible: 33.653g

Mass of sample: 2.209g

Mass of water lost: 0.65g

Part 2

"before heating"

mass of crucible and sample: 35.732g

mass of crucible: 33.652g

mass of sample: 2.081g

"After heating"

mass of crucible and sample 35.252g

mass of crucible: 33.652g

mass of sample: 1.6g

mass of water lost: 0.48g

Part 3

Salt: white cloudy crystals.

~~with~~ while heating changed liquid brown.

~~with~~ with vibrating.