Plenary

Jed has carried out the tests in the table on five unknown compounds. These are his results.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Compound** | **Adding dilute hydrochloric acid** | **Adding acidified silver nitrate solution** | **Adding acidified barium chloride solution** | **Flame test** |
| A | no change | a white precipitate | no change | Green flame |
| B | fizzes, gas turns limewater milky | no change | no change | Lilac flame |
| C | no change | no change | a white precipitate | Orange-red flame |
| D | no change | a yellow precipitate | no change | Red flame |
| E | no change | a cream precipitate | no change | Lilac flame |

a) Identify the compounds.

A

B

C

D

E