

A green chemistry quiz for St. Patrick's Day

Which of the following are green?

- ❖ 510 nm or 600 nm
- ❖ bromothymol blue in a basic solution or a neutral solution
- ❖ copper(II) chloride dihydrate or copper(II) oxide
- ❖ chlorophyll or carotene
- ❖ BaCl₂ salt or CaCl₂ salt in fireworks
- ❖ flame test for boron or sodium
- ❖ hematite or malachite
- ❖ Al₂O₃, with Cr³⁺ replacing a few Al³⁺ in octahedral sites or
Be₃Al₂(SiO₃)₆, Cr³⁺ replacing a few Al³⁺ in octahedral sites



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Solutions can be found at the Chem 13 News website