Red-Green Optical Cable Chromatography

Comparison of the five sensor-based methods for determining phos-phate in terms of the saturation of red, green, blue colors, and resulting whiteness as a holistic assessment.

At present, the color of the optical fiber and fiber casing within the fiber optic cable is generally identified by full chromatography, and the use of natural color is allowed without affecting ...

The 144-core is generally composed of 12 bundles, and each branch-beam chromatography is divided into 12-core blue, orange, green, brown, gray, white, red, black, yellow, purple, pink and turquoise.

In this work, a red, green, blue (RGB) color sensor was used for quantitative optical analysis of colored solutions. The capability of the sensor to respond to different colored solutions ...

Schematic of the synthesis of red, green, and blue CQDs and the corresponding fluorescent CNPs and LEDs.

Every attribute has three scores green, yellow, and red that represent different levels of adherence to environmentally friendly analytical procedures. The information found in chemical ...

A fiber-based endoscopic imaging system combining narrowband red-green-blue (RGB) reflectance with optical coherence tomography (OCT) and autofluorescence imaging (AFI) has been ...

The pigments in a plant can be separated into yellow, orange and green colors (xanthophylls, carotenes and chlorophylls respectively) through this method. The Greek name for color is chroma, and ...

This design not only provides a more rugged assembly than using discrete WDM plates, but also incorporates identical optical path lengths of the RGB beams, of-fering balanced spot sizes with low ...

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