

Authentic or Not? Chemistry Solves the Mystery

1. What method of analysis was used to study the “French” canvas in the van Gogh F 614 case?
2. What is the name of the type of canvas that van Gogh used and what allowed modern scientists to use this canvas to prove that the F 614 in question was a fake?
3. Name the German art dealer in the van Gogh case described in the article.
4. Name the paint pigment used to discredit the Jackson Pollock paintings.
5. Name the type of spectroscopy used by James Martin to identify a paint pigment used in the fake Pollock paintings.

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As you read the article, complete the diagram below to describe how the art forgeries were detected.

	Van Gogh F614	Pollock
When did the real artist live?		
Where did the forged or misattributed paintings come from?		
What part of the painting was examined scientifically?		
Describe the critical scientific evidence to detect the forged or misattributed painting.		
Where are the forged or misattributed paintings now?		