

SOME FORENSIC METHODS OF THE PAINTING COLOUR ANALYSIS

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Summary: In the work are presented the methods of the painting colour analysis founded on the use of the electromagnet spectrum radiation, from which a lot of important conclusions about the identification or attribution of the works of art are drawn. The characteristics of the painting colours and pigments, their admixtures and ways of preparations, as well as their usage in the different artistic epochs have been analyzed. Then the results of the painting colours analyses through the adequate indestructive forensic methods founded on the effect of the following electromagnet spectrum waves: X-rays, infrared and ultra red have been given. The recording which appear as the result of the interaction of the painting materials and this radiation can be used as an evidence identification material in the court procedure.

Keywords: painting colours, pigments, forensic methods of the colour analysis, X, IR an UR rays.

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