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Title:Advantage of terahertz radiation versus X-ray to detect hidden organic materials in sealed vessels
Authors:Bessou, Maryelle (1); Duday, Henri (1); Caumes, Jean-Pascal (4); Salort, Simon (2); Chassagne, Bruno (2); Dautant, Alain (3); Ziéglé, Anne (4); Abraham, Emmanuel (5)
Author affiliation:(1) Univ. Bordeaux, PACEA, UMR 5199, F-33400 Talence, France; (2) ALPhANOV, 351 Cours de la Libération, 33405 Talence, France; (3) Univ. Bordeaux, IBGC, UMR 5095, F-33077 Bordeaux, France; (4) Museum of Aquitaine, 20 Cours Pasteur, 33000 Bordeaux, France; (5) Univ. Bordeaux, LOMA, UMR 5798, F-33400 Talence, France
Corresponding author:Abraham, E.(em.abraham@loma.u-bordeaux1.fr)
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Abstract:Terahertz imaging and conventional X-ray have been used to investigate a sealed Ancient Egyptian jar preserved at the Museum of Aquitaine (France). Terahertz radiation revealed an unknown content that could not have been visualized by X-ray. By comparison with a model object, we concluded that this content was composed of organic materials explaining their relative radiolucency. 
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