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# Supplementary Materials

# Characterization and digital restauration of XIV-XV centuries written parchments by means of non-destructive techniques. Three case studies.

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**Fig. S1.** Images taken at 1000 nm on parts of Parch. 34 (a), Parch.37 (b) and Parch. 38 (c).

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**Fig. S2.** Reflectance spectrum of the red ink on the Parch. 38.



**Fig. S3**. ATR-FTIR spectra of the red ink of the Parch. 34 (a), Parch. 37 (b) and Parch. 38 (c).



**Fig.S4.** ATR-FTIR spectra of the blue ink of the Parch. 34 (a), Parch. 38 (b) and Azurite pigment for reference (c).

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**Fig. S5.** Reflectance spectrum of the blue ink of the Parch. 34.



**Fig. S6.** ATR-FTIR spectrum of the violet ink of the Parch. 38.