



Supplement of

A gemmological study of the reliquary crown of Namur, Belgium

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Table S1: List with all Raman bands of gemstones and pearls analysed. Numbers in bold denote strong bands.

Sample	Phase	Colour	Raman peaks/bands (cm⁻¹)
P1-6	Emerald	Green	320; 398; 522; 686 ; 1010; 1070
P5-6	Emerald	Green	318; 394; 520; 684 ; 1012; 1068
P3-4	Sapphire	Blue	374; 414 ; 640; 740
P4-3	Sapphire	Blue	370; 414 ; 564; 648; 746
P3-1	Garnet	Red	344; 490; 550; 624; 854; 914 ; 1040
P4-1	Garnet	Red	348; 490; 552; 624; 854; 916 ; 1042
P5-3	Garnet	Red	346; 492; 550; 626; 856; 916 ; 1040
P6-3	Garnet	Red	348; 494; 550; 626; 858; 918 ; 1044
P1-2	Spinel	Pink	402 ; 668; 760
P8-3	Spinel	Pink	308; 404 ; 660; 764
P2-1	Pearl	White	162; 204; 706; 1086
P4-5	Pearl	White	158; 202; 706; 1086
P5-5	Pearl	White	158; 200; 708; 1086
P7-5	Pearl	White	156; 198; 710; 1088

Figure S1

