

Figure S1. XRF spectrum of measuring points 3 (yellow). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

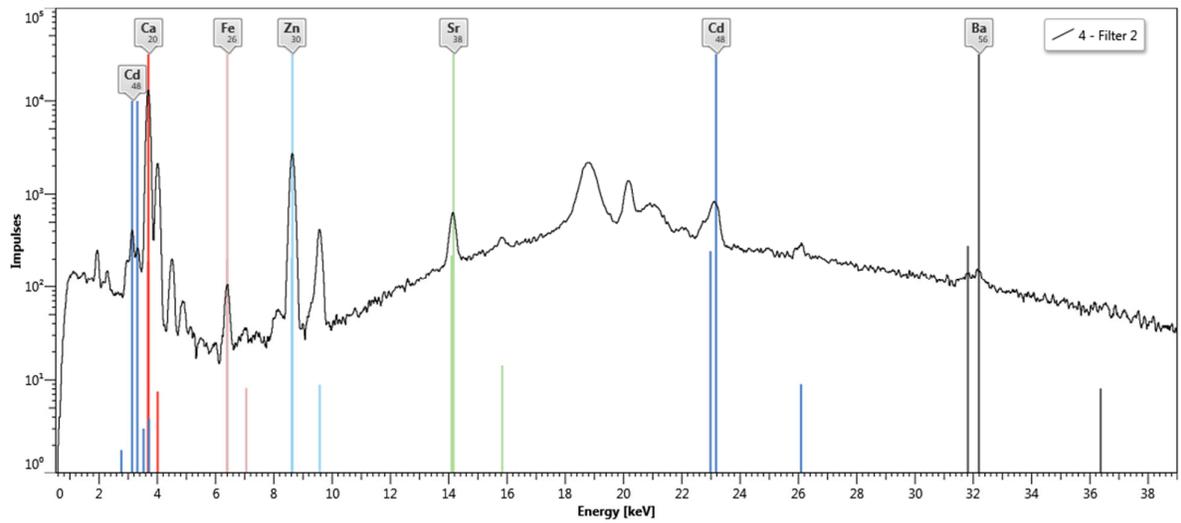


Figure S2. XRF spectrum of measuring points 4 (yellow). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

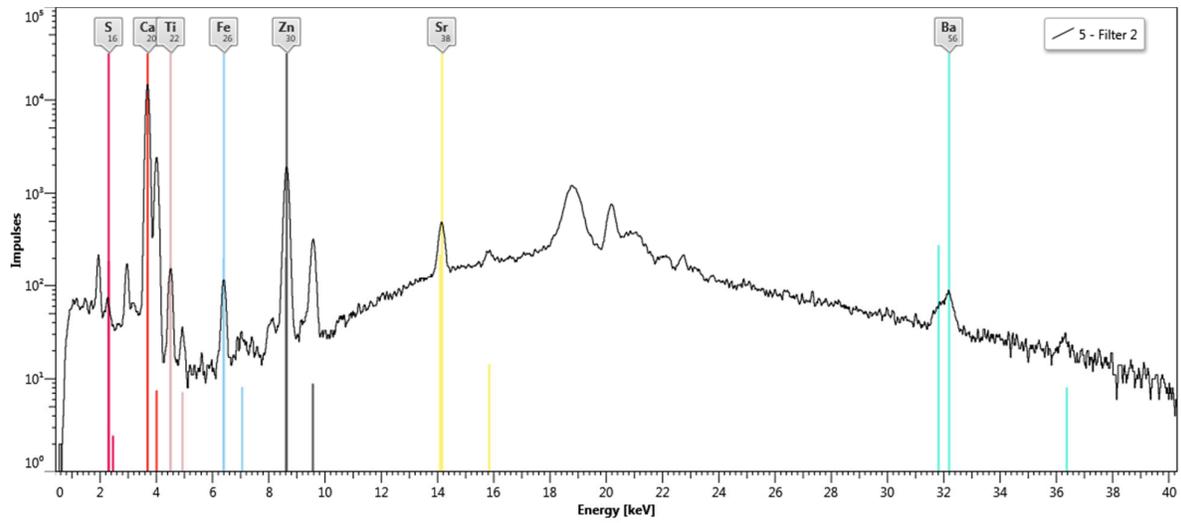


Figure S3. XRF spectrum of measuring points 5 (yellow). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

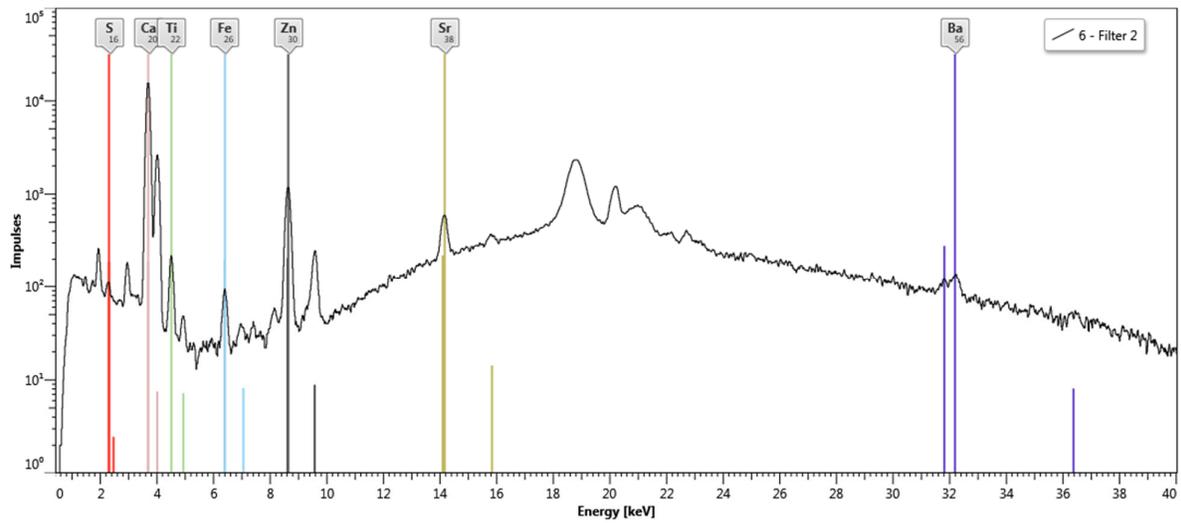


Figure S4. XRF spectrum of measuring points 6 (yellow). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

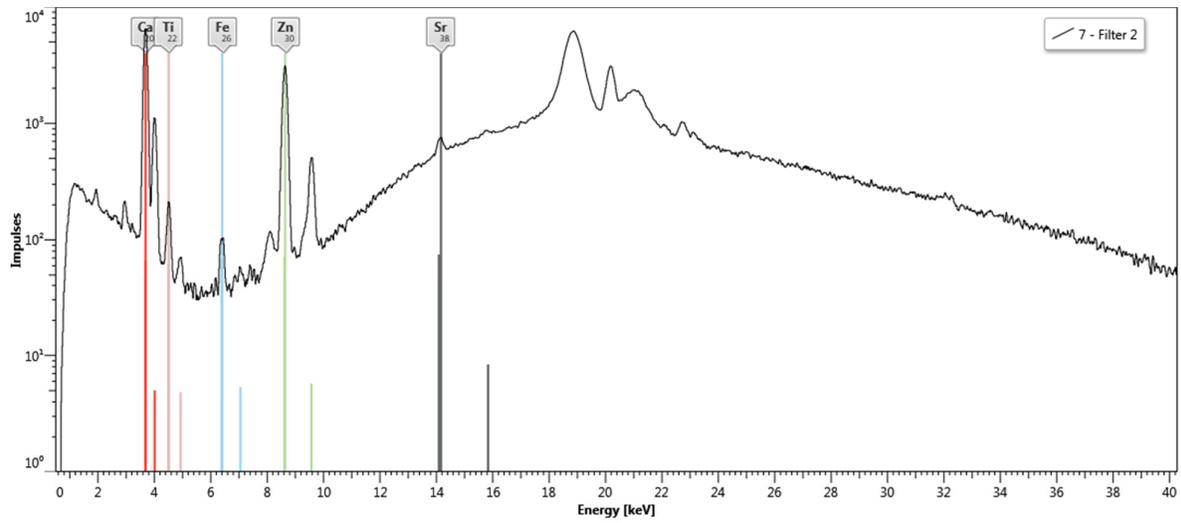


Figure S5. XRF spectrum of measuring points 7 (green). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

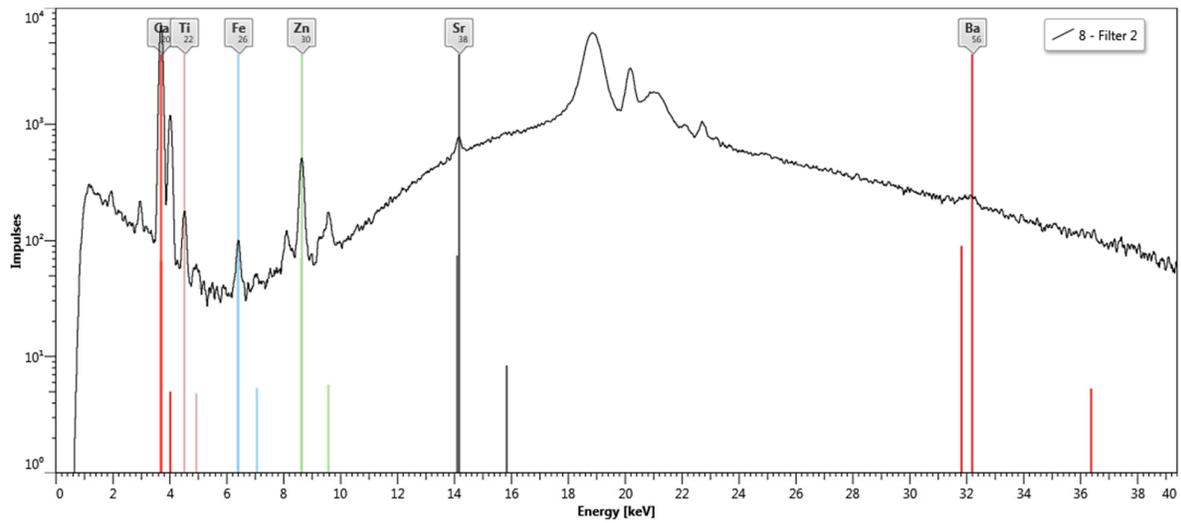


Figure S6. XRF spectrum of measuring points 8 (yellow). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

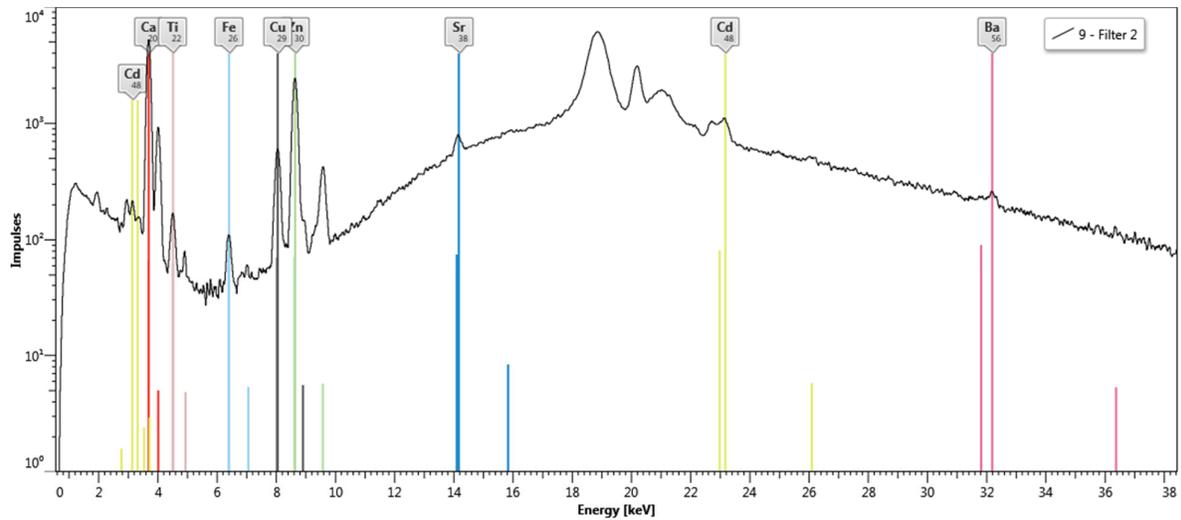


Figure S7. XRF spectrum of measuring points 9 (yellow). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

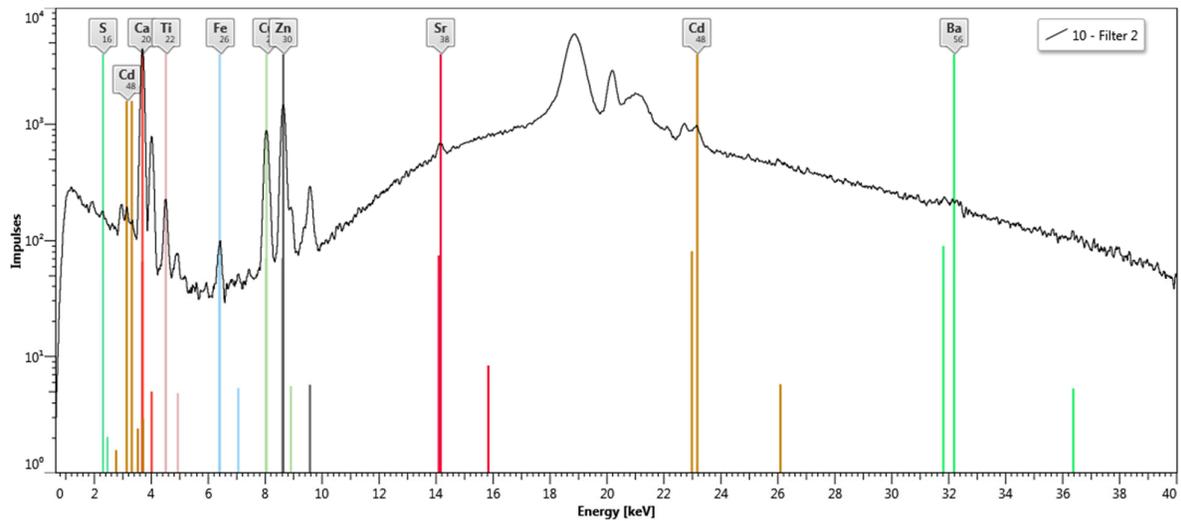


Figure S8. XRF spectrum of measuring points 10 (green/yellow). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

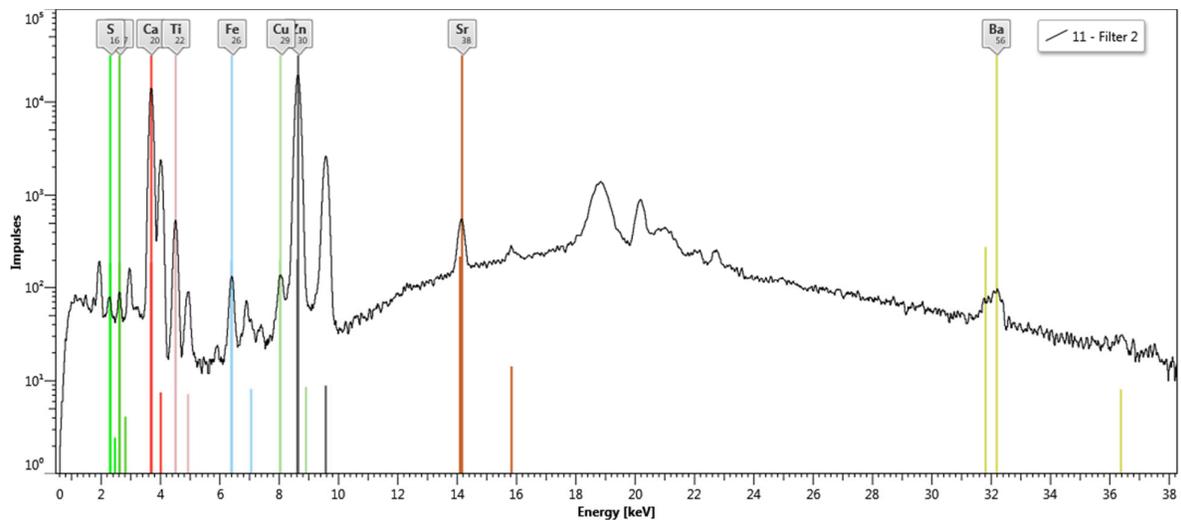


Figure S9. XRF spectrum of measuring points 11 (green). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

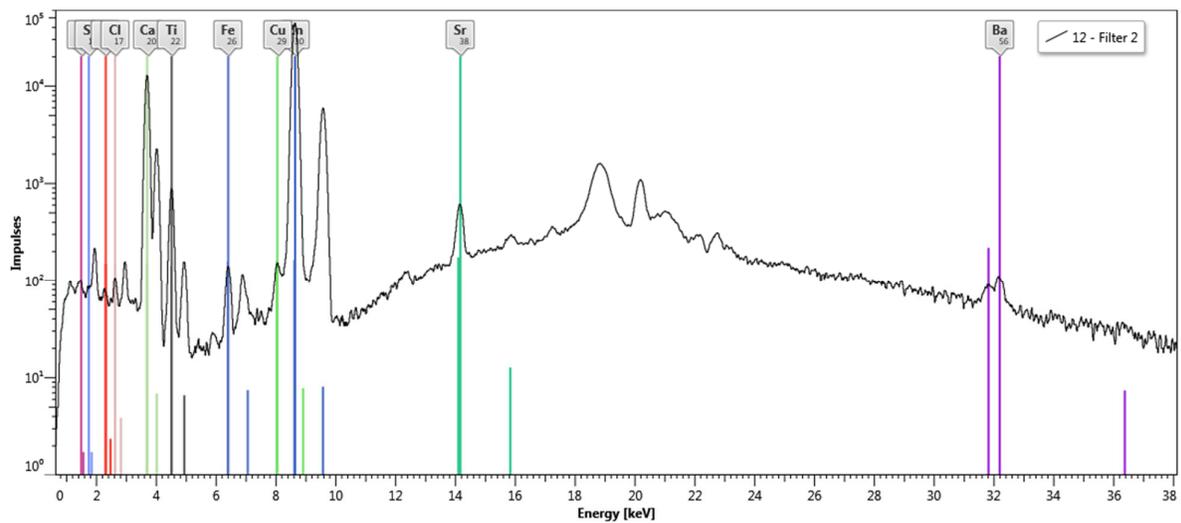


Figure S10. XRF spectrum of measuring points 12 (green). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

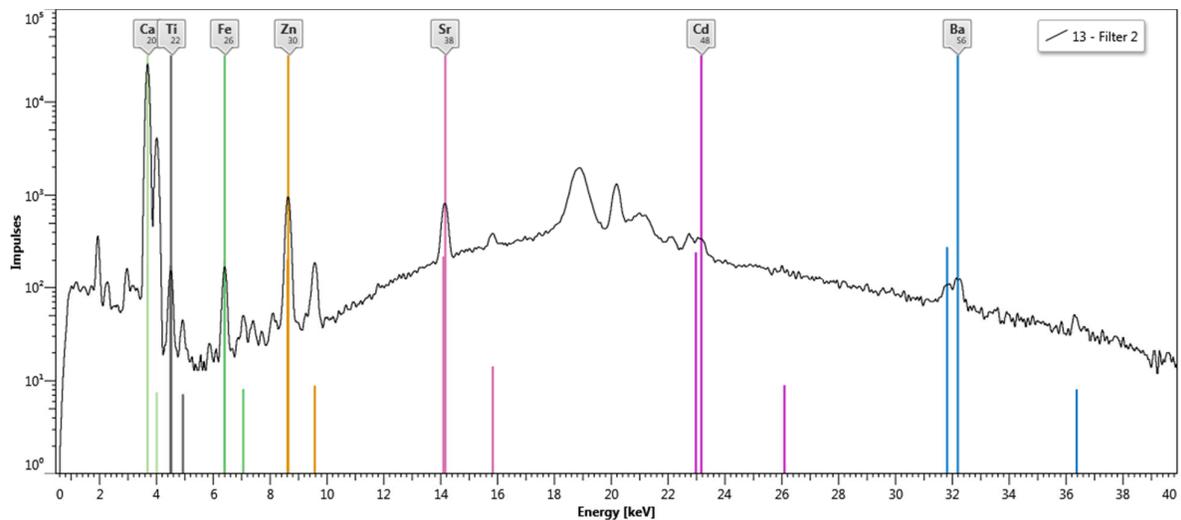


Figure S11. XRF spectrum of measuring points 13 (orange). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

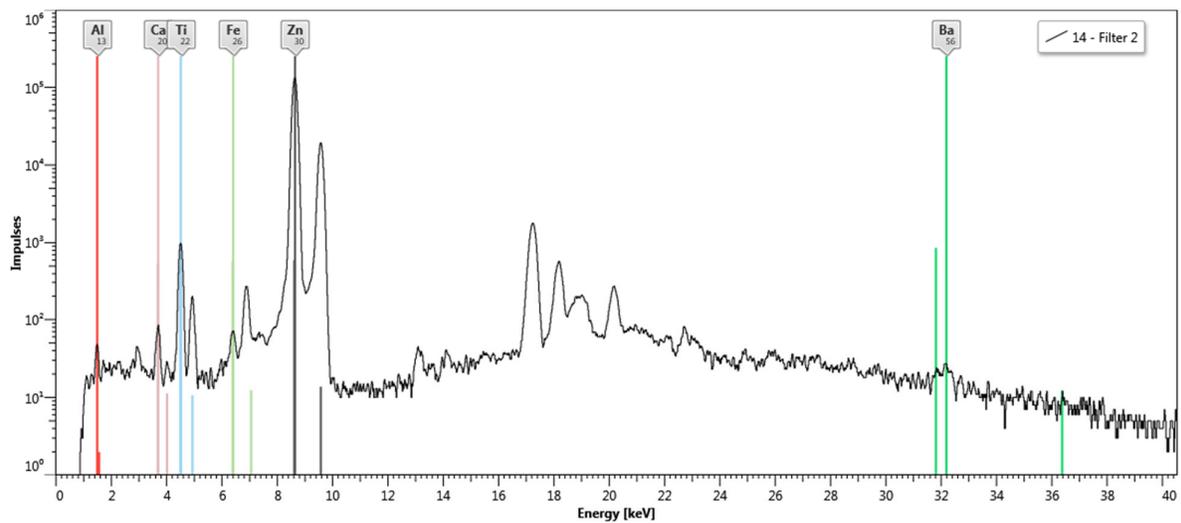


Figure S12. XRF spectrum of measuring points 14 (white). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

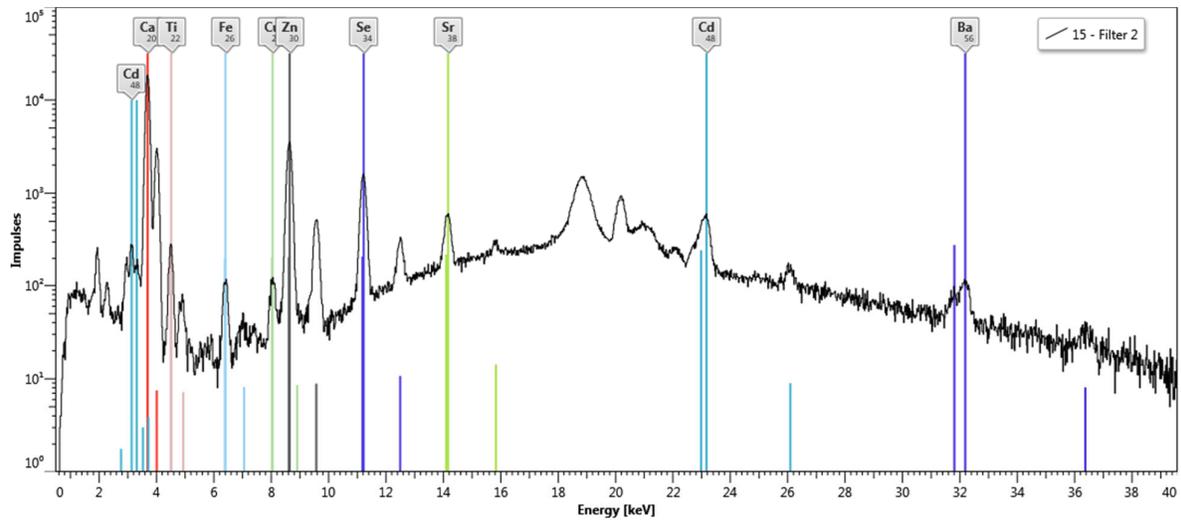


Figure S13. XRF spectrum of measuring points 15 (red). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

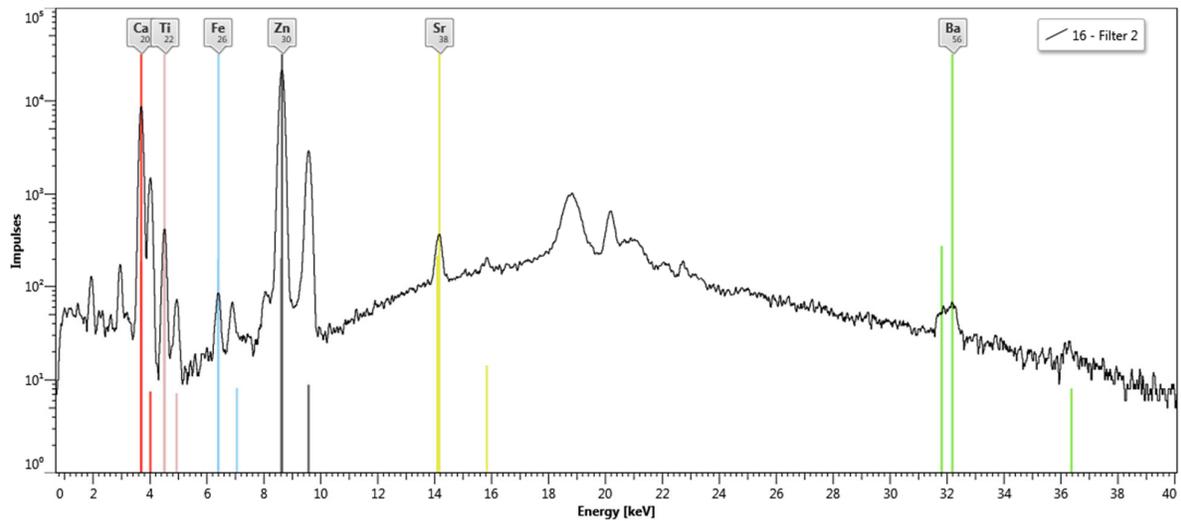


Figure S14. XRF spectrum of measuring points 16 (green). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

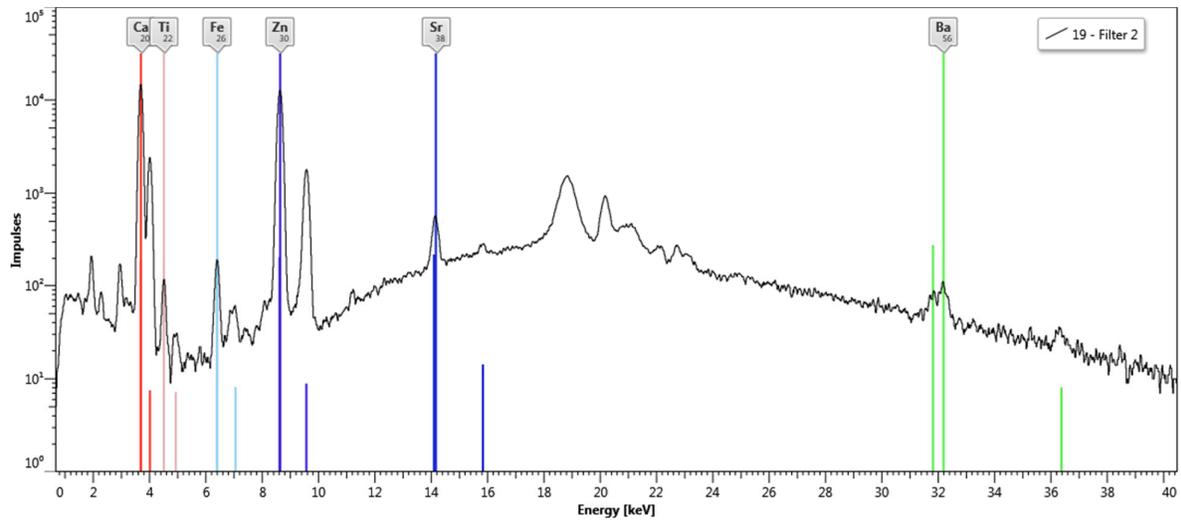


Figure S15. XRF spectrum of measuring points 19 (orange). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

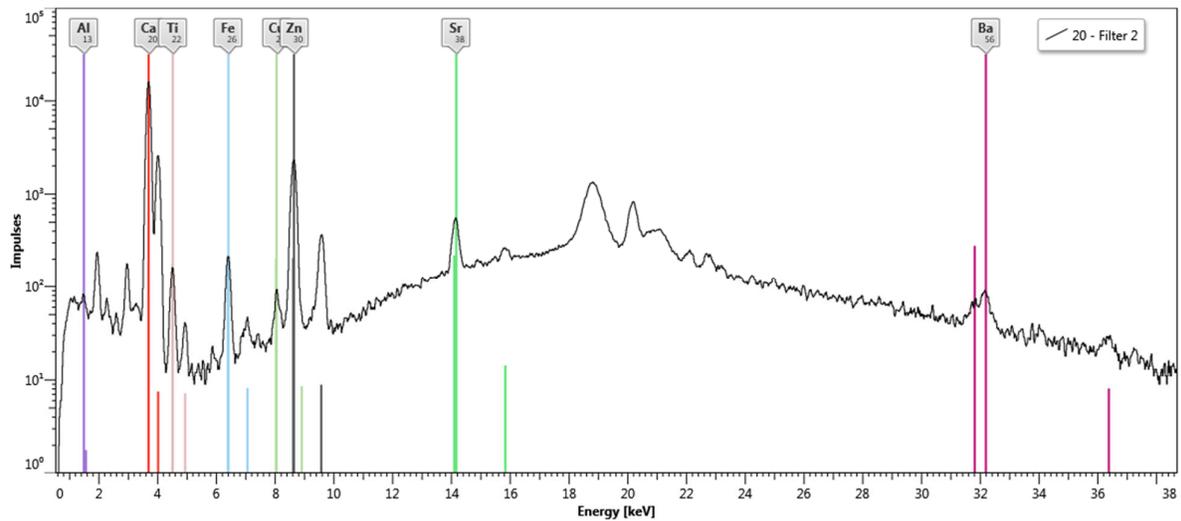


Figure S16. XRF spectrum of measuring points 20 (black). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

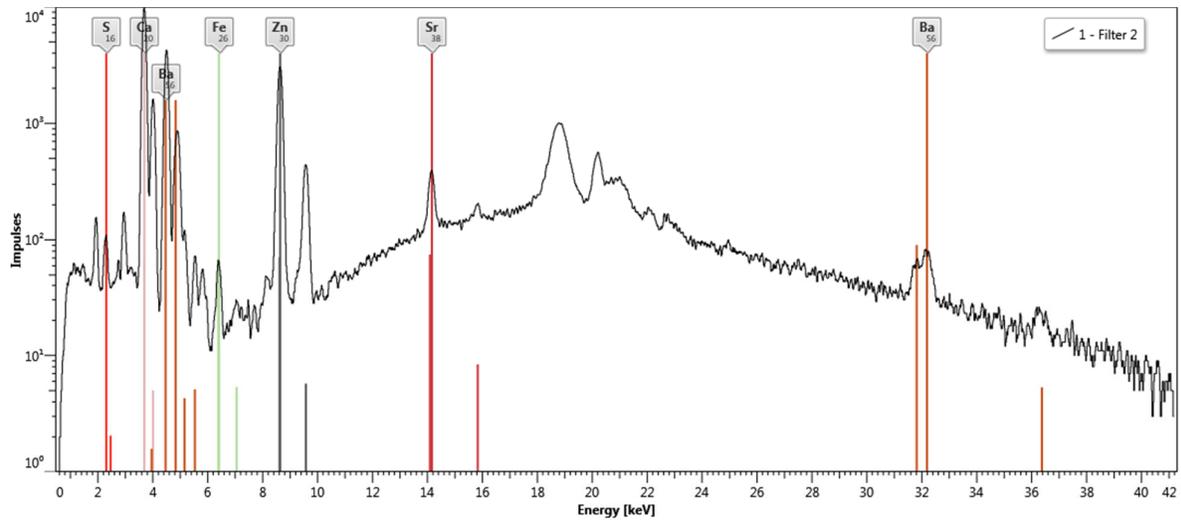


Figure S17. XRF spectrum of measuring points 1. The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

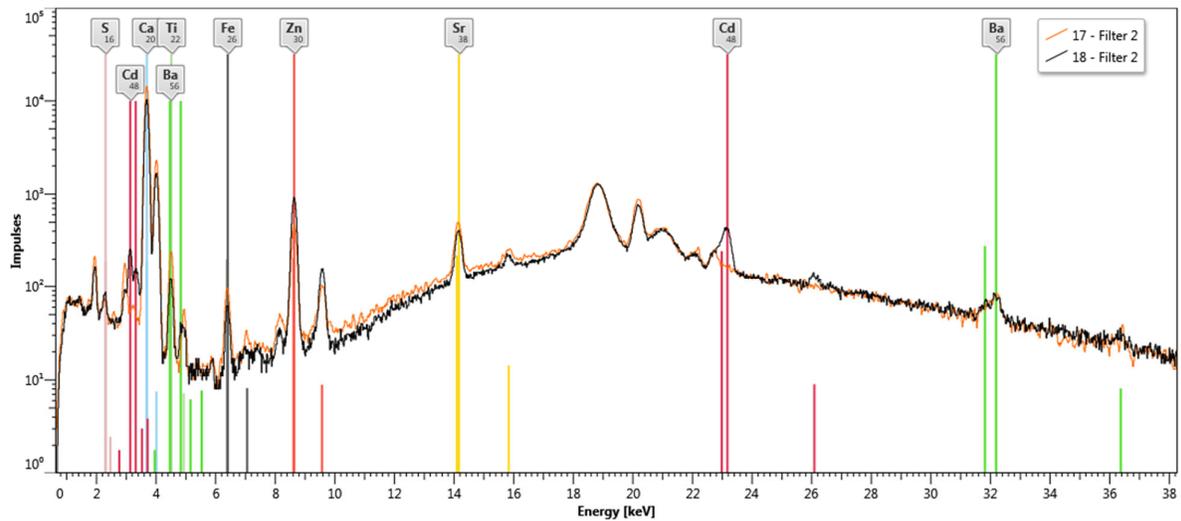


Figure S18. XRF spectra of measuring points 17 (orange spectrum) and 18 (black spectrum). The characteristic lines of all elements detected were highlighted, rhodium and argon were excluded.

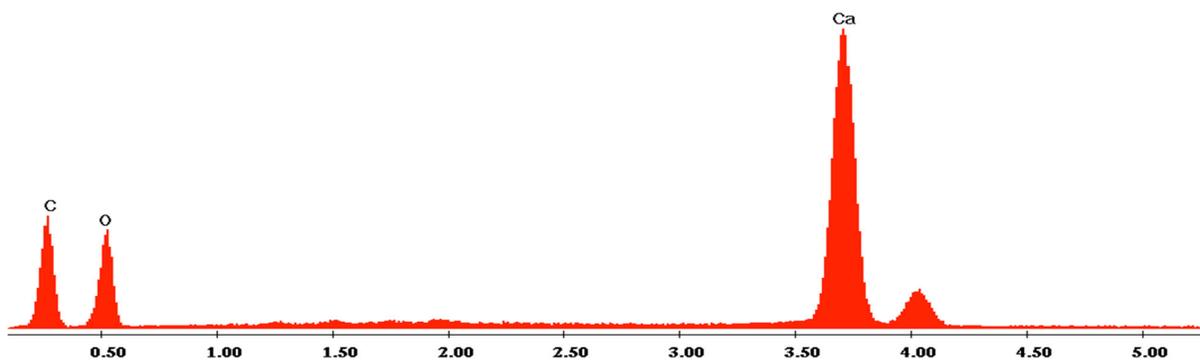


Figure S19. SEM/EDS spectra of white area of sample 3. The characteristic lines of all elements detected were highlighted.

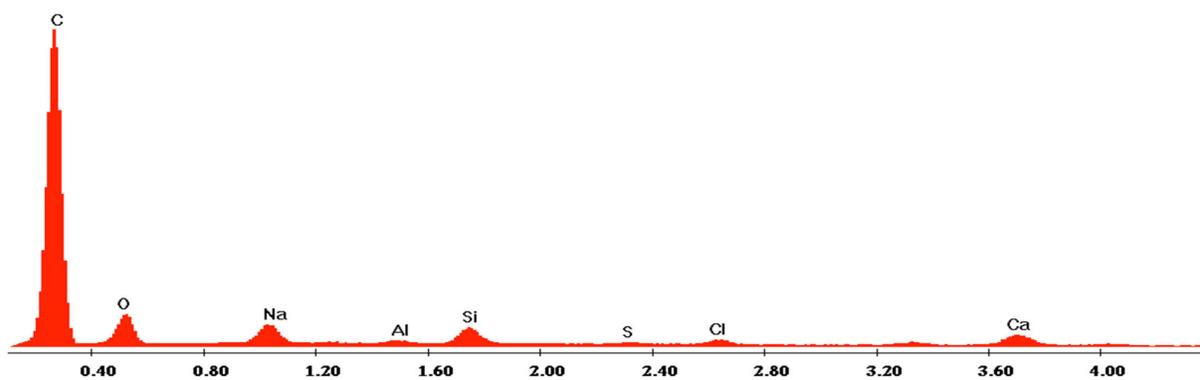


Figure S20. SEM/EDS spectra of dark yellow (B) area of sample 3. The characteristic lines of all elements detected were highlighted.

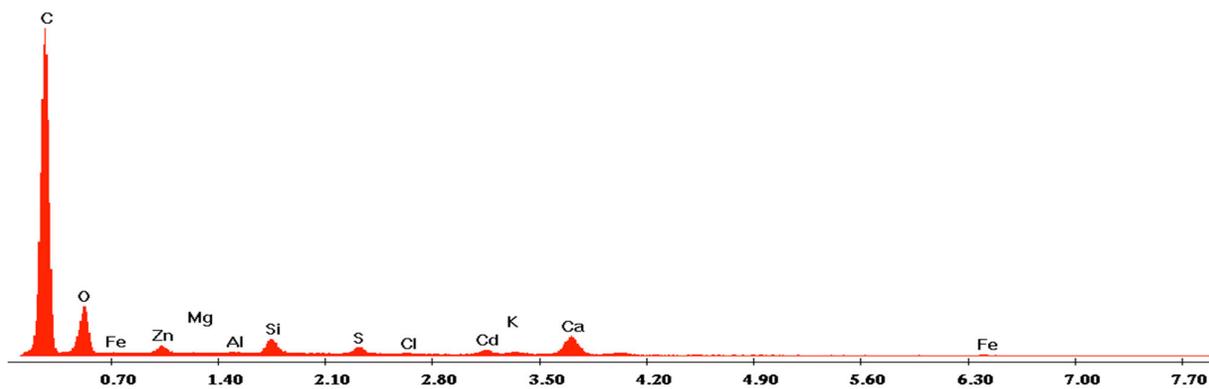


Figure S21. SEM/EDS spectra of yellow area (A) of sample 3. The characteristic lines of all elements detected were highlighted.

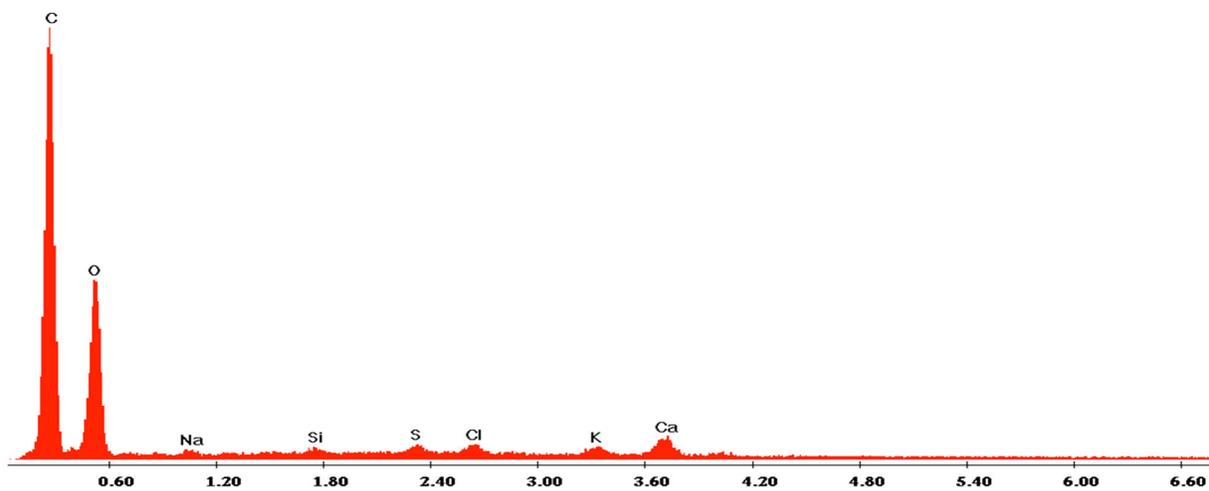


Figure S22. SEM/EDS spectra of tissue-sample 1. The characteristic lines of all elements detected were highlighted.

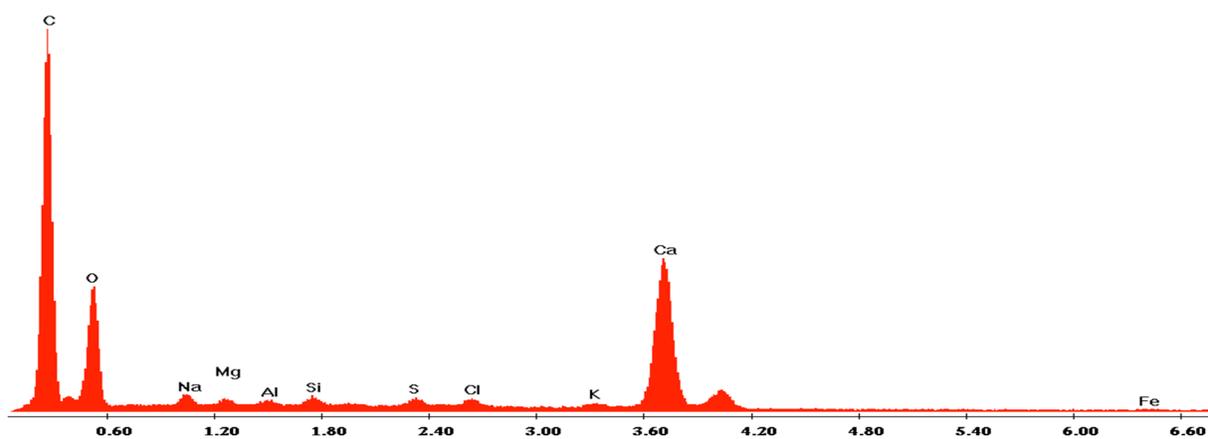


Figure S23. SEM/EDS spectra of white area-sample 1. The characteristic lines of all elements detected were highlighted.

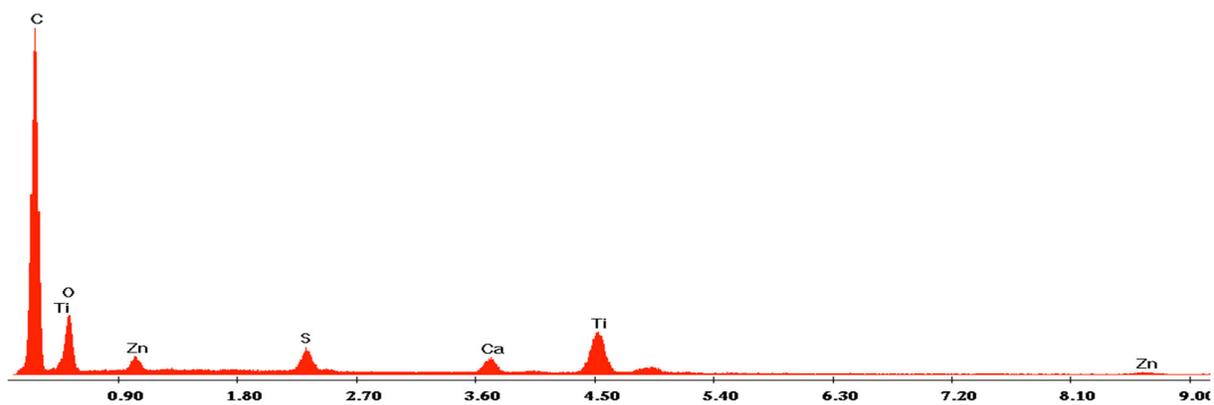


Figure S24. SEM/EDS spectra of point2-sample 2. The characteristic lines of all elements detected were highlighted.

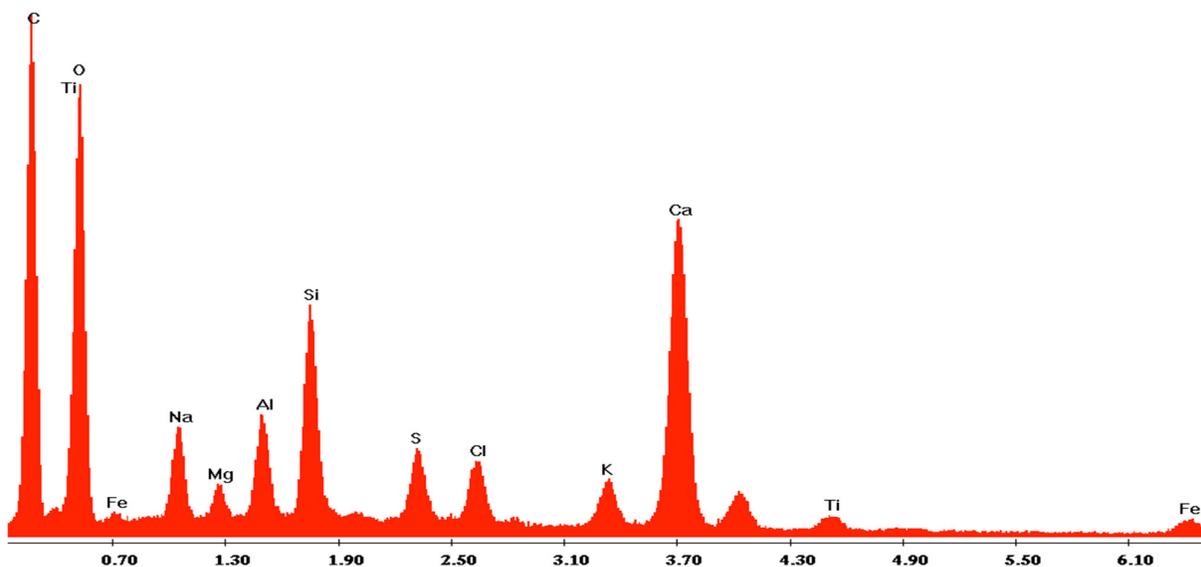


Figure S25. SEM/EDS spectra of point3-sample 2. The characteristic lines of all elements detected were highlighted.