Figure: 13  
SEM image and EDS spectra of an anodised aluminium substrate (250 V, 0.125 Abold dotcm−2, 3 min) after a short PEO process treatment (750 V, 0.125 Abold dotcm−2, 1 min) (left). The zoomed image (right) and the corresponding EDS spectra show the surface structure and material composition of erosion traces, respectively. A thin gold layer with a thickness of approximately 13 nm is deposited to exclude overcharging of the substrate surface during electron microscopy.

EDS Graph: x [E/keV], y [EDS intensity/a.u.]