

Supplementary information

Investigation of Post-Treatment Improving Perovskite Solar Cells Initial Performances and Study of Its Impact on the Durability

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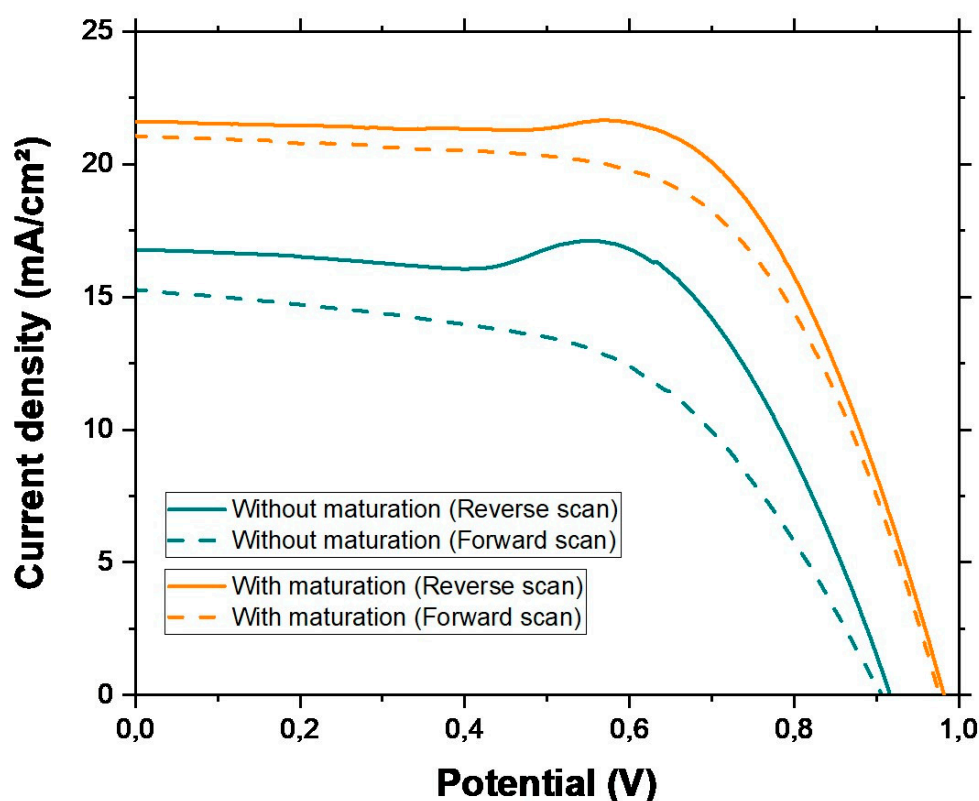


Figure S1. Typical J-V curves (in reverse and forward modes, 4mV/s) obtained before and after the maturation step

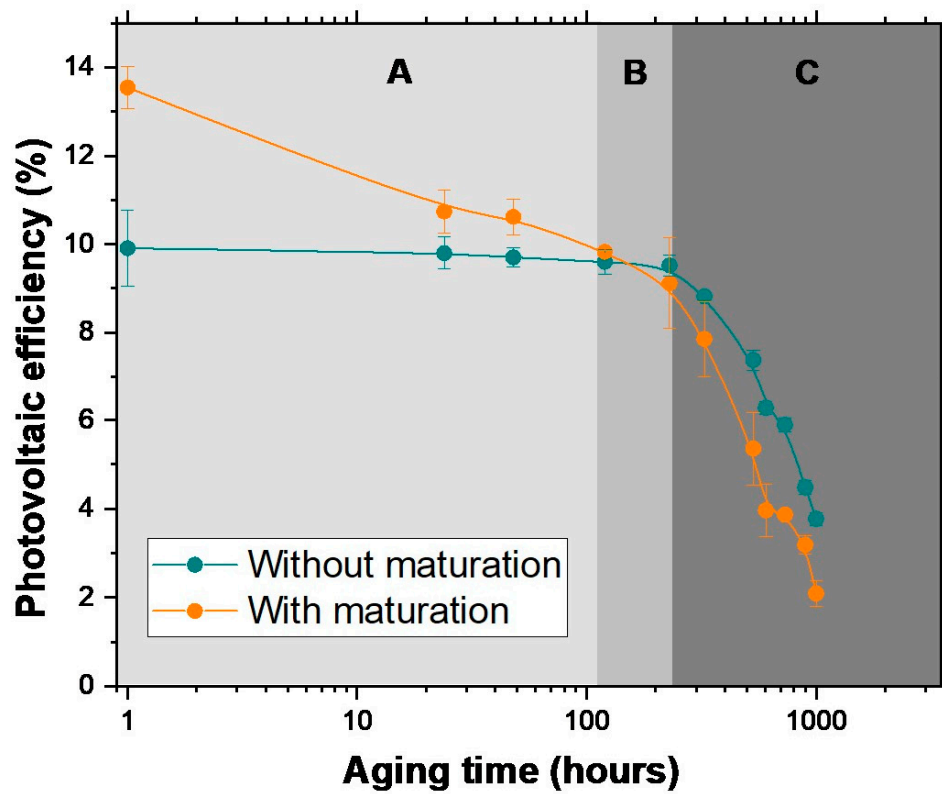


Figure S2. Non-normalized losses in power conversion efficiency (PCE,%) during aging (85°C, 85% RH)

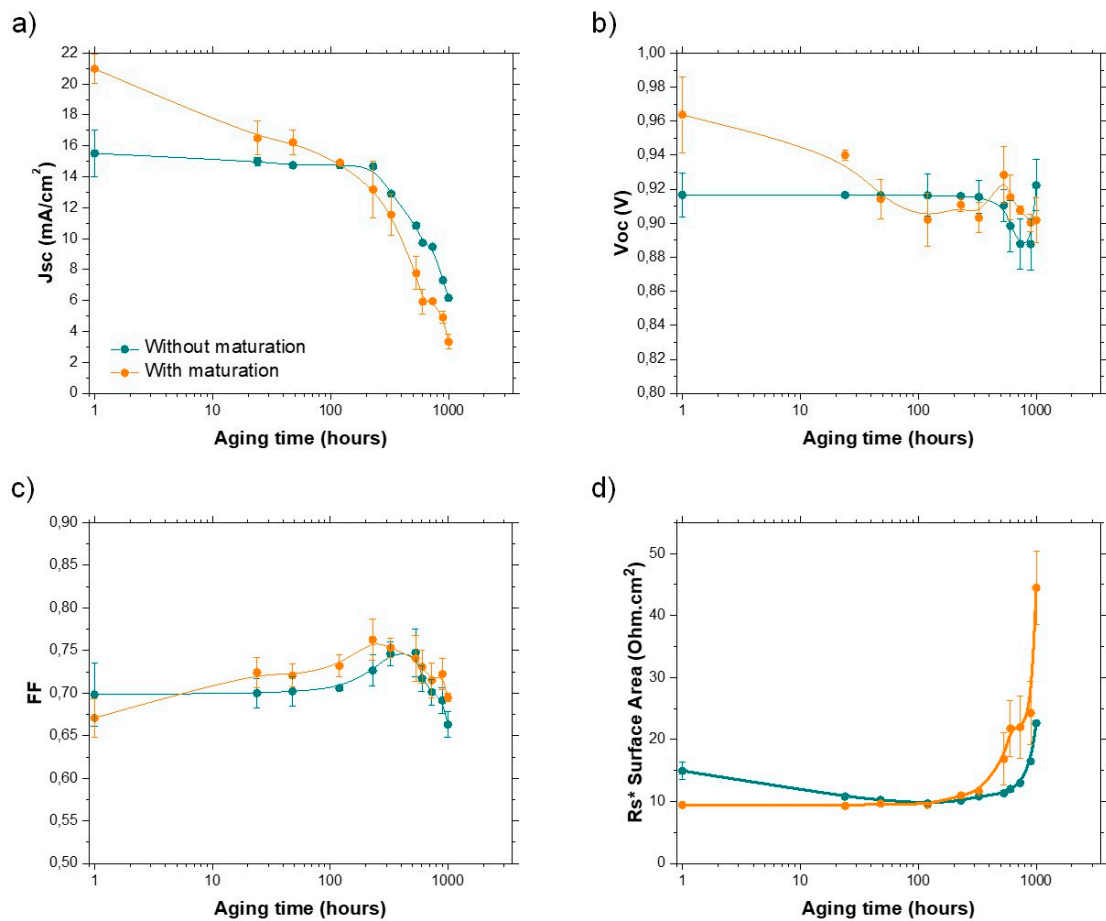


Figure S3. Photovoltaic parameters during aging (85°C, 85% RH): **a)** J_{sc} , **b)** V_{oc} , **c)** FF and **d)** R_s

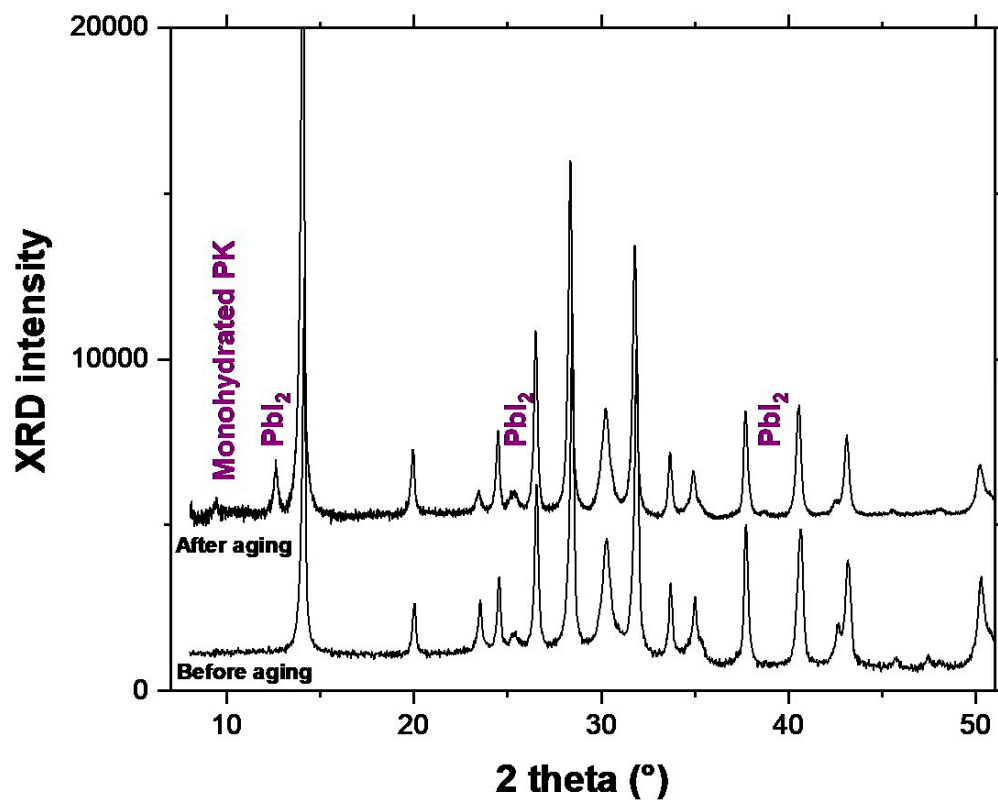


Figure S4. Full XRD diffractograms of perovskite layers before and after aging (example for matured devices), highlight on observed degradation products