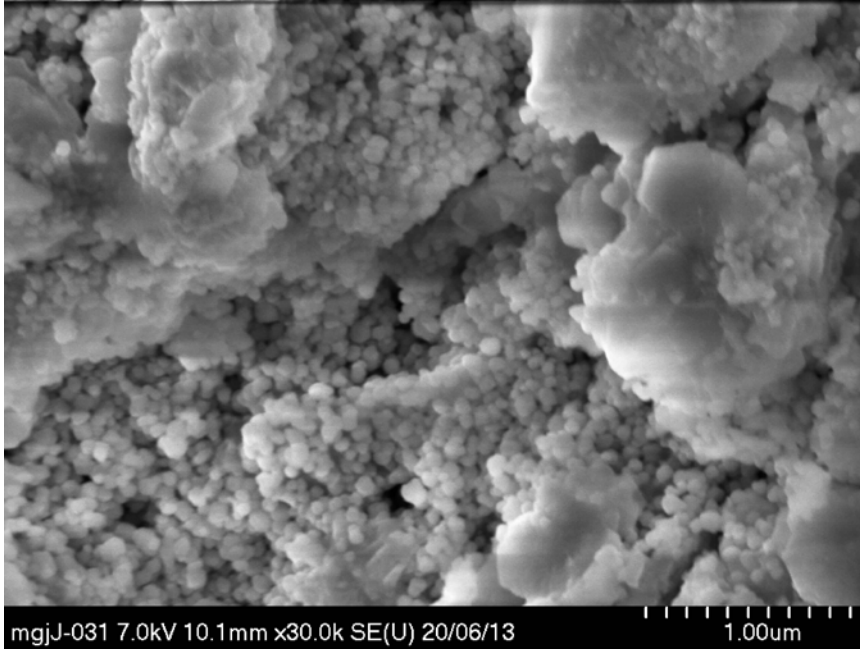


## Supplementary Information

### SEM of Zirconia nano-particles



Zirconia nano-particles from SEM images were found to be on the order of 80-100nm in size, supported by structural refinement of pre laser-exposure powder diffraction patterns.