



Figure 1. The refractive index values from the literature reported and extrapolated to UV wavelengths are shown here. The literature values are used in as an input for Mie theory to allow comparison with experimental results. The left axis displays the values for the real portion of the refractive index ( $n$ ) with the French et al. (2007) values shown as blue squares and the Ma et al. (2003) values shown as green triangles. The experimentally retrieved values for  $n$  are displayed as solid black circles including uncertainty. The imaginary portion of the refractive index ( $k$ ) is reported on the right axis where the French et al. (2007) data from the literature is shown as a connected red line and the experimentally retrieved  $k$  values are given as red grid boxes.