

There is provided an aerosol-generating article (10) extending from a mouth end to a distal end upstream from the mouth end, the aerosol-generating article comprising a rod (12) of aerosol-generating substrate and a downstream section (14) at a location downstream of the rod of aerosol-generating substrate and an upstream section (16) at a location upstream of the rod of aerosol-generating substrate. The downstream section comprises a mouthpiece element (42) positioned downstream of the rod and in longitudinal alignment with the rod, the mouthpiece element extending all the way to the mouth end of the aerosol-generating article. The upstream section comprises an upstream element extending all the way to the distal end of the article. A diameter (D_{ME}) of the aerosol-generating article at the mouth end is greater than a diameter (D_{QE}) of the aerosol-generating article at the distal end, a ratio (D_{ME}/D_{DE}) between the diameter of the aerosol-generating article at the mouth end and the diameter of the aerosol-generating article at the distal end being at least about 1.005.