Supplementary Information

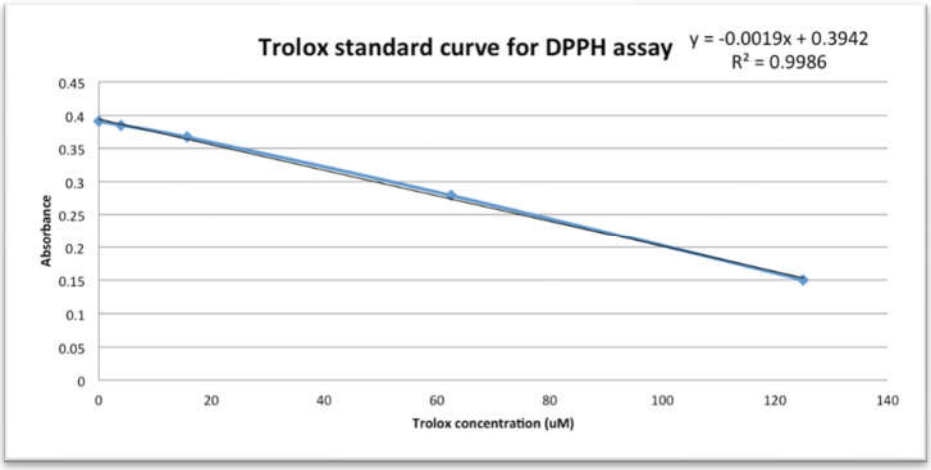

Figure S1. Standard curve of trolox (μM) plotted against absorbance at 517 nm used for calculating the radical scavenging ability of MAAs extracts.

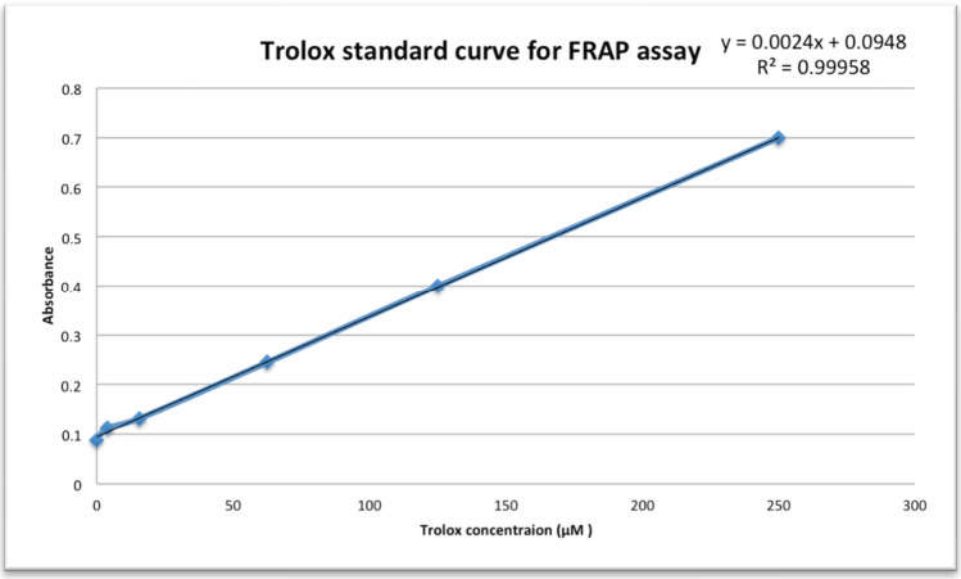

Figure S2. Standard curve of trolox (μM) plotted against absorbance at 593 nm used for calculating the ferric reducing ability of MAAs extracts.

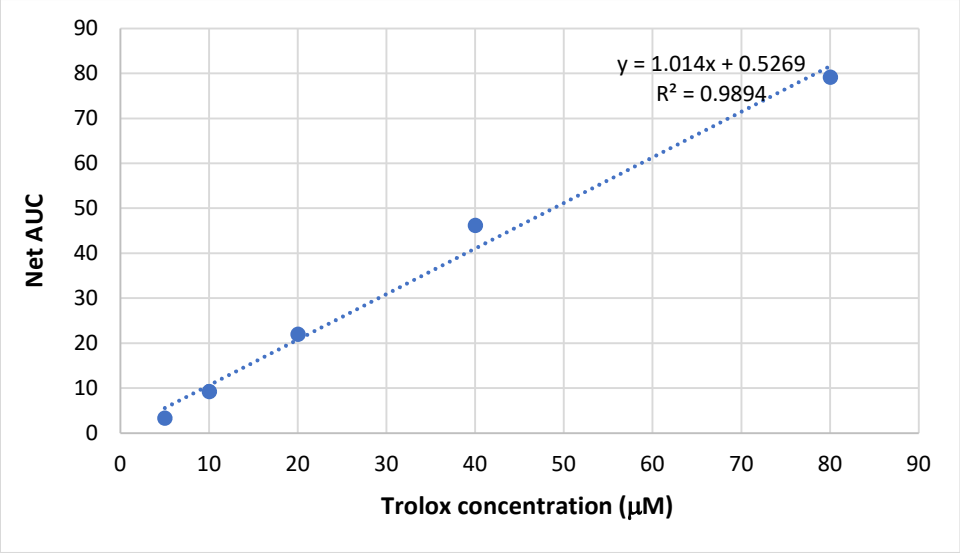

Figure S3. Standard curve of trolox (µM) plotted against net area under the curve (Net AUC) for 2 hr used for calculating the ORAC activity of MAAs extracts.

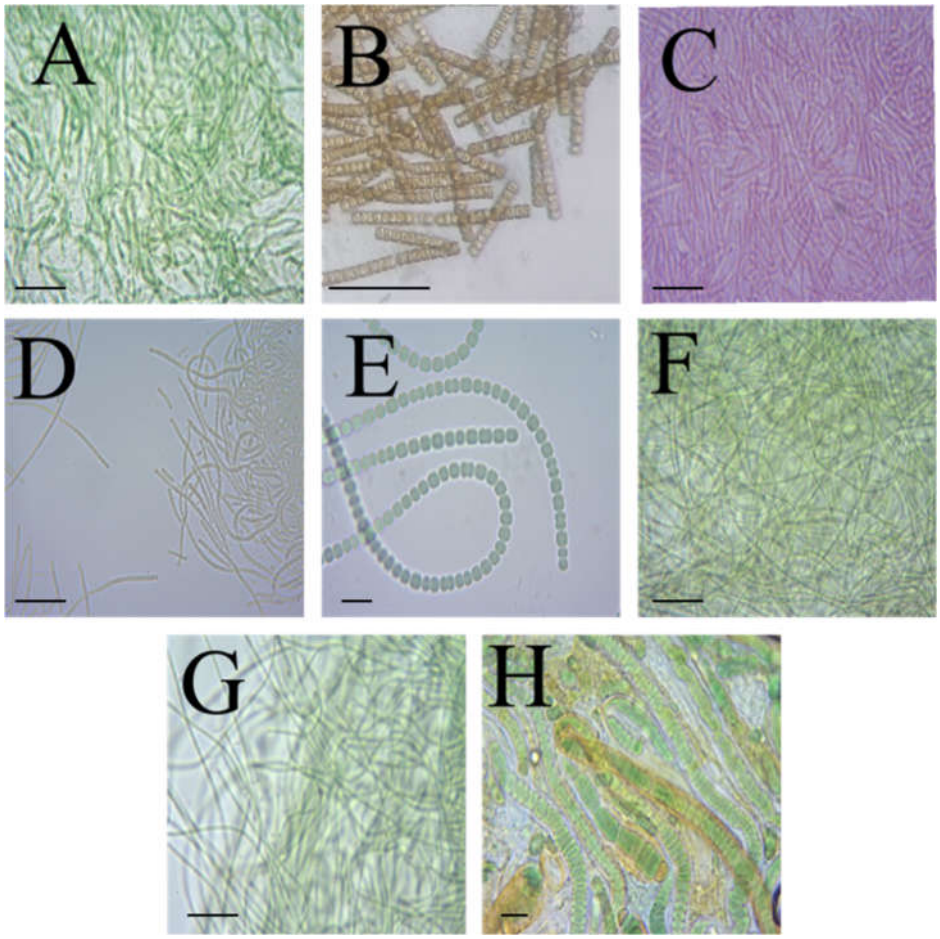

Figure S4. Photomicrographs showing morphological variations of candidate eight cyanobacterial isolates for MAAs production. A, *Leptolyngbya africana* SABC021601 B, *Phormidium* sp. SABC022903, C, *Schizothrix* sp. SABC022401 D, *Phormidium angustissimum* SABC022612 E, *Anabaena variabilis* SABC011501 F, *Leptolyngbya tenuis* SABC010201 G, *Phormidium angustissimum* SABC020801 and H, *Calothrix contarenii* SABC 022701. Scale bars in photomicrographs are 10 μM.