

ELECTRONIC SUPPORTING INFORMATION

– RSC Advances

Ammonium Ionic Liquids with anion of natural origin

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1. TG and DSC curves

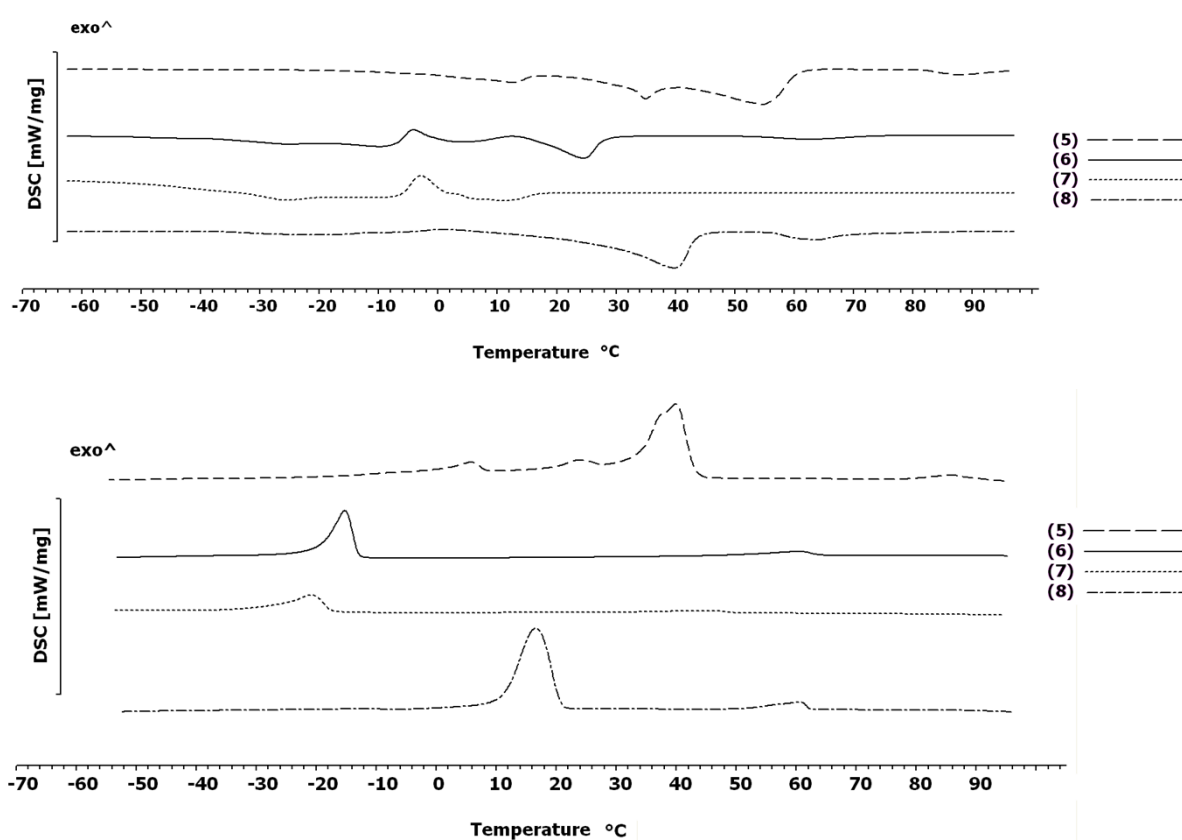


Figure 1 Differential scanning calorimetry melting curves of benzalkonium salts (5 – 8): top – heating, bottom – cooling

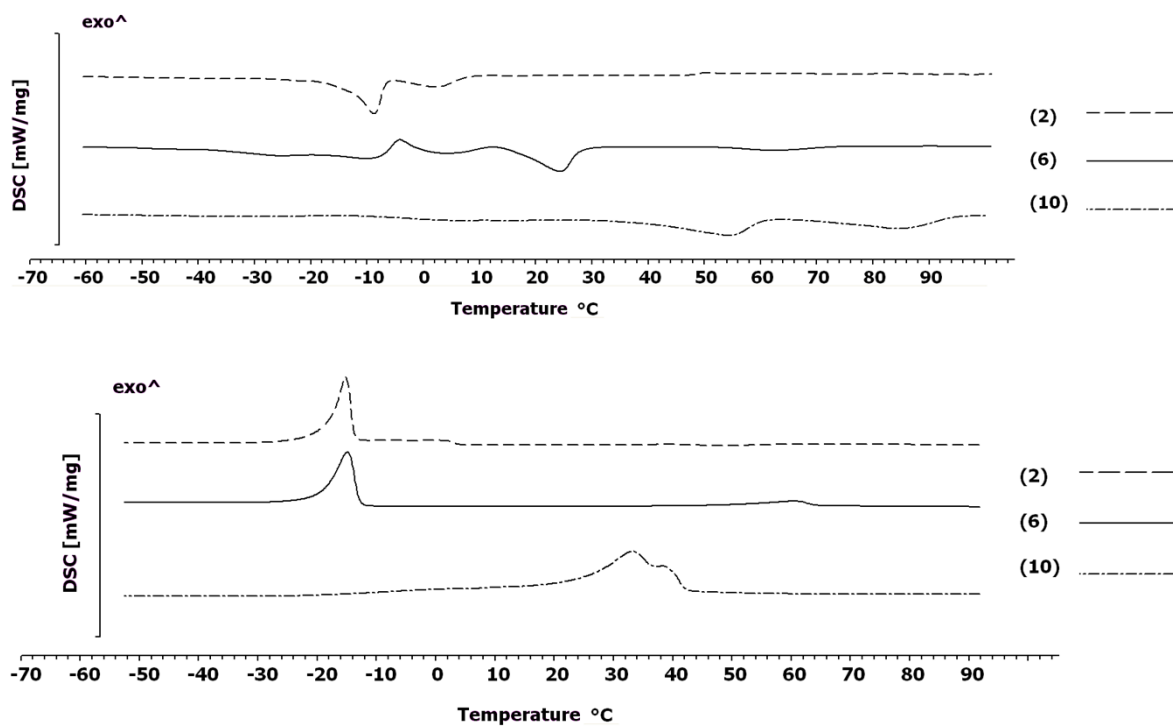


Figure 2 Differential scanning calorimetry of didecyldimethylammonium (2), benzalkonium (6) and hexadecyltrimethylammonium (10) oleates: top – heating, bottom – cooling

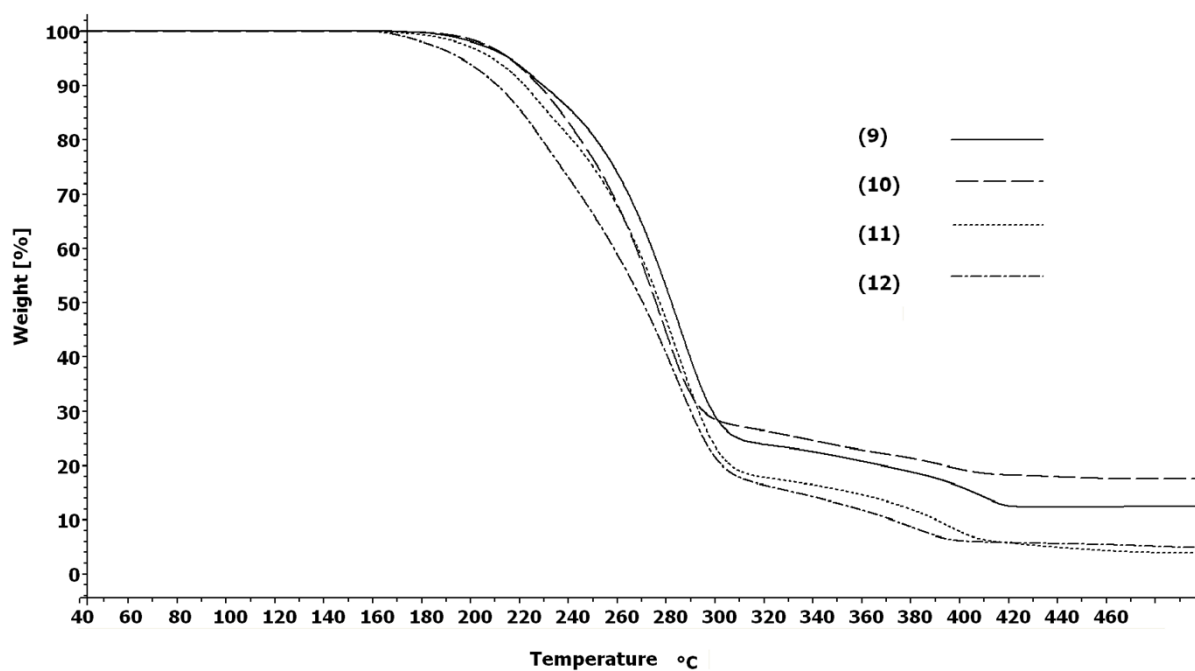


Figure 3 Thermal stability of hexadecyltrimethylammonium salts (9 – 12)

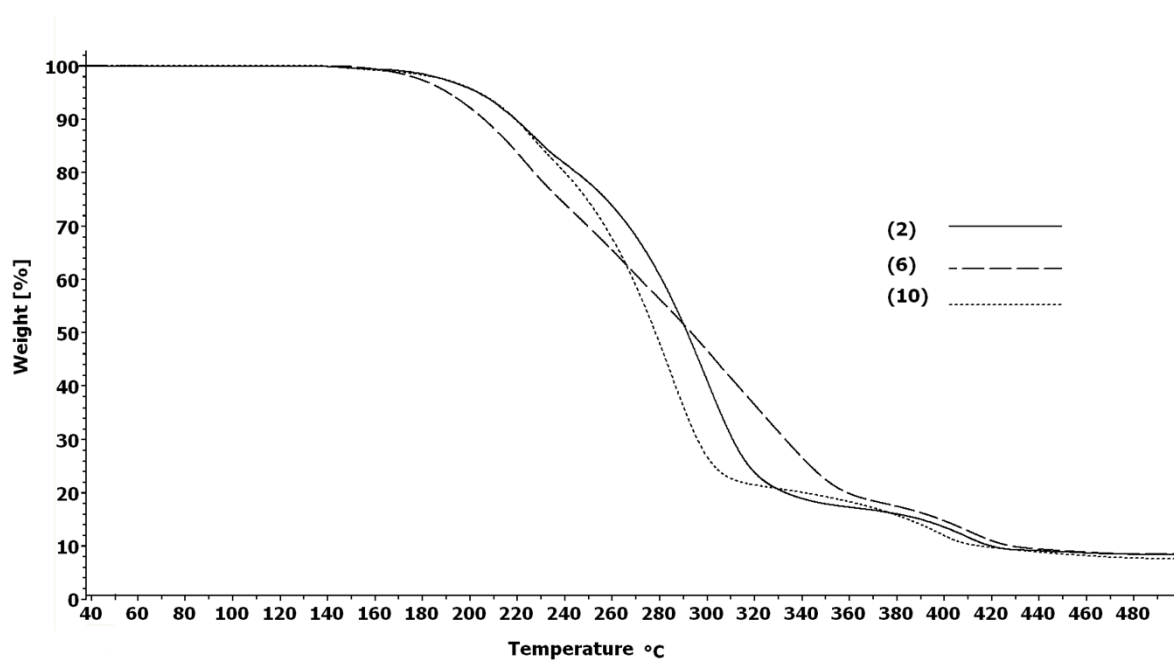


Figure 4 Thermal stability of didecyldimethylammonium (3), benzalkonium (7) and hexadecyltrimethylammonium (11) canolates