

Synthesis and high-performance of a new sarcosinate anionic surfactant with long unsaturated tail

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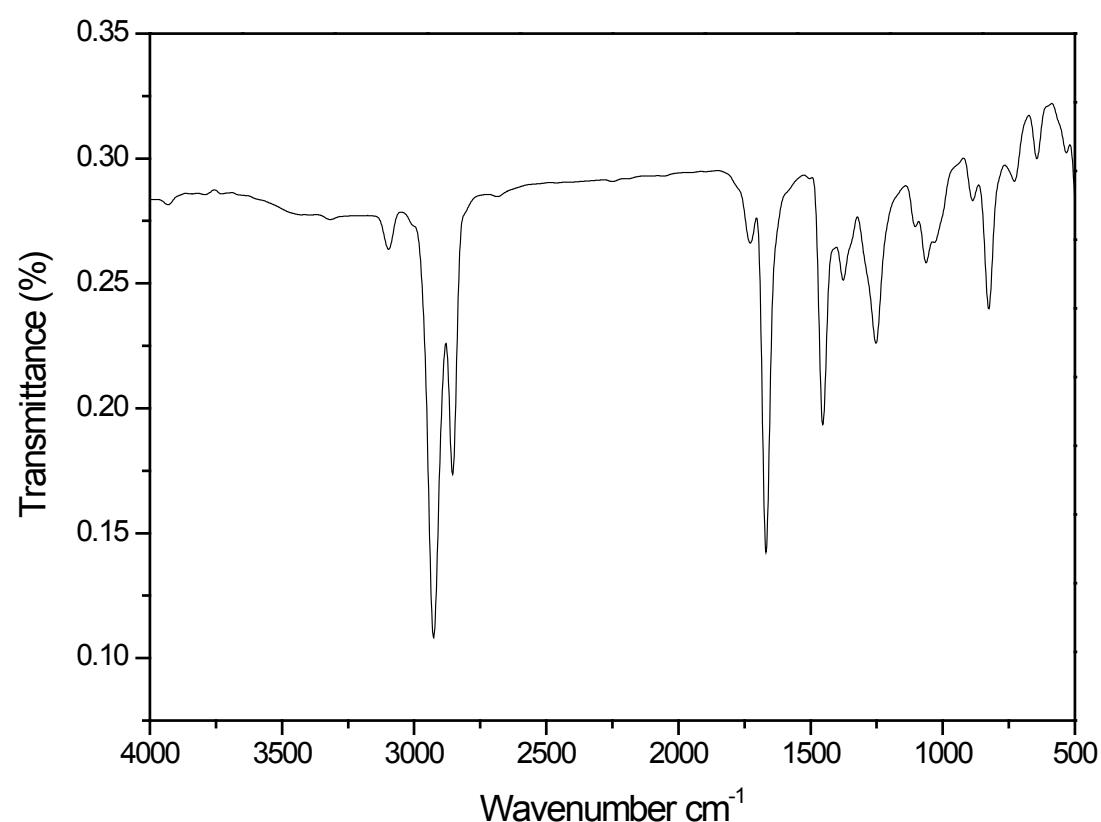


Fig.1 IR spectroscopy of EMAA.

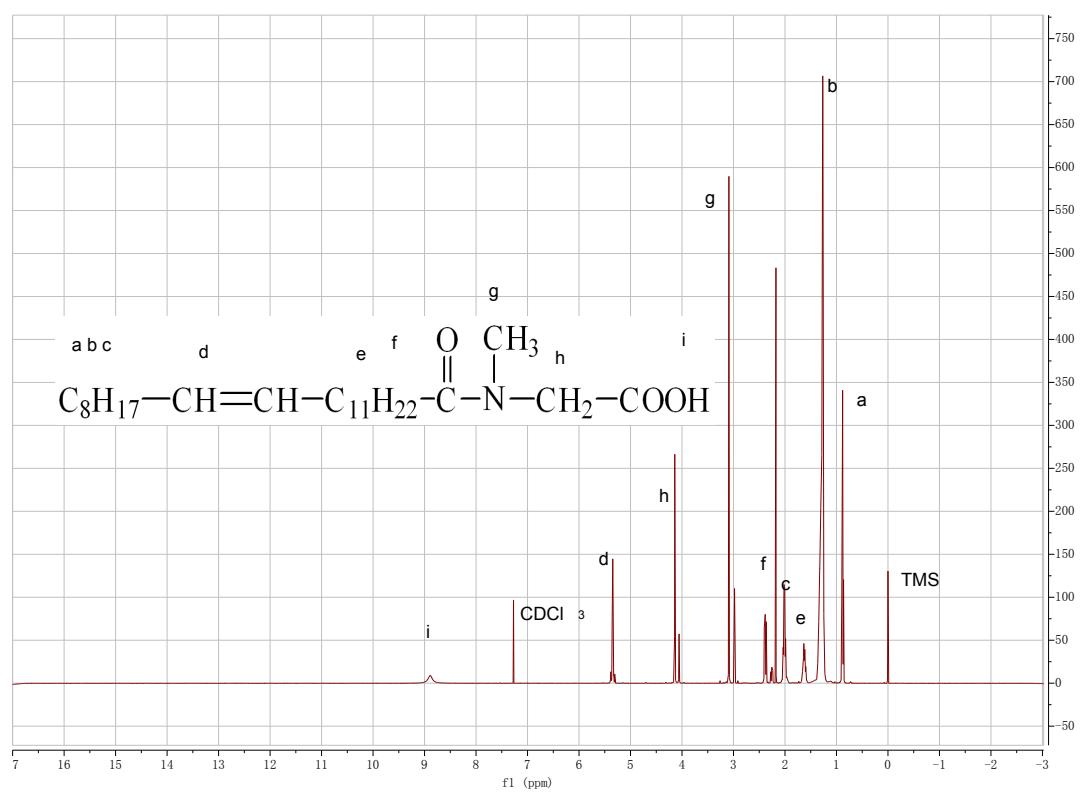


Fig.2 ¹H NMR spectroscopy of EMAA.

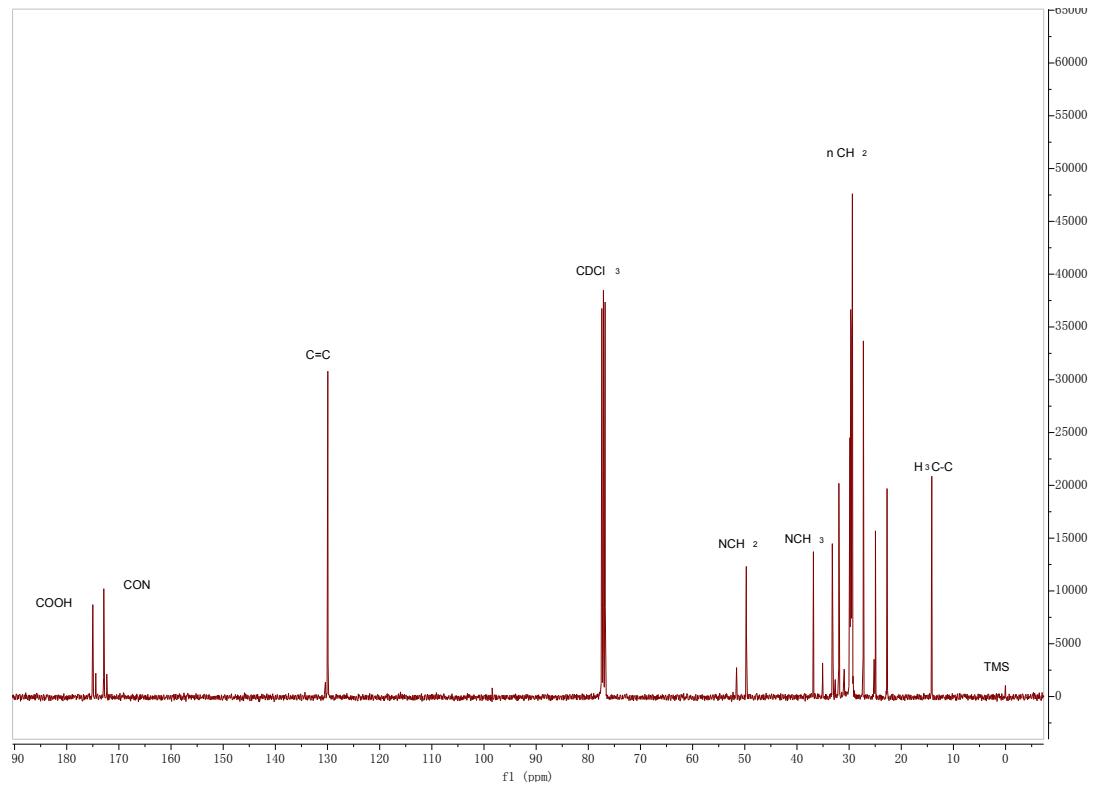


Fig.3 ¹³C NMR spectroscopy of EMAA.

elementary	N (%)	C (%)	H (%)	O (%)	N Factor	C Factor	H Factor	O Factor
content	3.42	73.18	11.47	12.01	1.0076	1.0129	0.9979	0.9404

Table.1 Result of elemental analysis. This was measured in Vario EL cube elementar made in Germeny.