

Volatile Substances of the Green Alga *Scenedesmus incrassatulus*

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Volatile substances of the green microalga *Scenedesmus incrassatulus*, cultivated in fresh and salt water, were studied. Cultivation in fresh water diversifies volatile secondary metabolites. Hydrocarbons and derivatives of the acetate pathway predominate when algae are grown in salt water; isoprenoids and aromatics are more abundant after fresh water cultivation.

Key words: Microalgae, *Scenedesmus*, Volatiles