



Estimates of minimum levels of organic molecules on Mars

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In view of the forthcoming exobiology missions towards Mars, the estimation of the expected minimum levels of various classes of organic molecules is of high interest. Besides continuing supply of organic material due to meteorite impacts, the quantities of various organic molecule classes of potential Martian origin are hard to comprehend. Furthermore, we will discuss decomposition processes in the Martian environment and their kinetics which might result in further uncertainties of the minimum level estimates.