

Table. Lewis acid-base characteristics of the bacterial cell surfaces

Bacteria	Hydrophobicity (%)	
	Chloroform	Ethyl acetate
<i>L. helveticus</i> NS8	53.1 ± 0.8	60.8 ± 3.9
<i>L. acidophilus</i> 1.2	69.2 ± 1.3	74.1 ± 0.3
<i>L. plantarum</i> TH1	55.1 ± 1.5	64.5 ± 0.9

Adhesion to chloroform (electron acceptor) and ethyl acetate (electron donor) was also tested to assess the Lewis acid-base characteristics of the bacterial cell surfaces. All the strains didn't show significant difference between the affinity to chloroform and to ethyl acetate.