

Table 10. Ketones reported in the literature that have been detected in the healthy human body

Table 10a. Table showing all the straight chain aliphatic ketones reported in the literature that have been detected in faeces, urine, breath, skin secretions, milk, blood and saliva from healthy humans

CAS-number	Compound name	Faeces	Urine	Breath	Skin	Milk	Blood	Saliva
67-64-1	acetone	F	U	Br	Sk	M	Bl	Sa
78-93-3	2-butanone	F	U	Br	Sk	M	Bl	Sa
107-87-9	2-pentanone	F	U	Br	Sk	M		Sa
591-78-6	2-hexanone	F	U	Br	Sk			
110-43-0	2-heptanone	F	U	Br		M		Sa
111-13-7	2-octanone	F	U	Br				Sa
821-55-6	2-nonanone	F	U	Br	Sk	M		Sa
693-54-9	2-decanone	F			Sk	M		Sa
112-12-9	2-undecanone	F			Sk	M		Sa
6175-49-1	2-dodecanone	F			Sk			Sa
593-08-8	2-tridecanone				Sk	M		Sa
2345-28-0	2-pentadecanone				Sk			Sa
2345-27-9	2-tetradecanone				Sk			Sa
18787-63-8	2-hexadecanone				Sk			
629-66-3	2-nonadecanone							Sa
27457-18-7	octanone ui					M		
96-22-0	3-pentanone	F	U		Sk		Bl	
589-38-8	3-hexanone	F	U	Br				
106-35-4	3-heptanone	F	U	Br		M		
106-68-3	3-octanone	F	U	Br		M		Sa
123-19-3	4-heptanone	F	U	Br		M		Sa
589-63-9	4-octanone		U				Bl	
4485-09-0	4-nonanone		U					

NOTES ui unidentified isomer