

Table 9e. Table showing all the cyclic esters (including 2-furanones and lactones) reported in the literature that have been detected faeces, urine, breath, skin secretions, milk, blood and saliva from healthy humans

CAS-number	Compound name	Faeces	Urine	Breath	Skin	Milk	Blood	Saliva
	<b>2-furanones and gamma lactones</b>							
497-23-4	2(5H)-furanone			Br				
96-48-0	dihydro-2(3H)-furanone	F		Br				
22122-36-7	3-methyl-2(5H)-furanone			Br	Sk			
591-11-7	4-methyl-2(5H)-furanone			Br				
7475-92-5	3,4-dimethyldihydrofuran-2,5-dione	F						
108-29-2	dihydro-5-methyl-2(3H)-furanone / gamma valerolactone	F	U	Br		M		
695-06-7	gamma-hexalactone	F	U					
105-21-5	gamma-heptalactone				Sk			Sa
104-50-7	g-octalactone / g-c8-lactone				Sk			
104-61-0	gamma nonalactone / g-nonanolactone / gamma-c9-lactone		U		Sk	M		Sa
706-14-9	gamma-decalactone / gamma-c10-lactone		U		Sk	M		
57084-17-0	gamma-undecalactone		U		Sk			Sa
2305-05-7	gamma-dodecalactone					M		
18679-18-0	(Z)-6-gamma-dodecenolactone					M		
1073-11-6	5-ethenyldihydro-5-methyl-2(3H)-furanone			Br				
28664-35-9	3-hydroxy-4,5-dimethyl-2(5H)furanone		U			M		
698-10-2	5-ethyl-3-hydroxy-4-methyl-2(5H)-furanone / Abhexone		U					
	<b>delta lactones</b>							
823-22-3	delta-hexalactone		U					
10413-18-0	4-methyl-5-hydroxy-hexanoic acid lactone		U					
3301-94-8	delta nonalactone		U					
705-86-2	delta-decalactone		U		Sk	M		
504-31-4	2-pyranone / 5-hydroxy-2,4-pentadienoic acid, delta-lactone			Br				
713-95-1	delta-dodecalactone					M		
	<b>other cyclics</b>							
ui	alkylated lactone ui					M		
91-64-5	2H-1-benzopyran-2-one / coumarin		U		Sk			Sa
2549-60-2	4-methyl-2-oxepanone			Br				
531-59-9	7-methoxycoumarin		U					

NOTES ui unidentified isomer