

## CERI 脂肪酸解析対象成分

No. 物質名	慣用名	略号	No. 物質名	慣用名	略号
1 Octanoic acid	(Caprylic acid)	C8:0	37 (Z)-Icos-11-enoic acid	(Eicosenoic acid)	C20:1n-9
2 Nonanoic acid	(Pelargonic acid)	C9:0	38 (E)-Icos-11-enoic acid		C20:1n-9 <i>t</i>
3 Decanoic acid	(Capric acid)	C10:0	39 (11Z,14Z)-Icosa-11,14-dienoic acid	(Eicosadienoic acid)	C20:2n-6
4 Undecanoic acid		C11:0	40 (11Z,14Z,17Z)-Icosa-11,14,17-trienoic acid		C20:3n-3
5 Dodecanoic acid	(Lauric acid)	C12:0	41 (8Z,11Z,14Z)-Icosa-8,11,14-trienoic acid	(Dihomo- $\gamma$ -linolenic acid)	C20:3n-6
6 Tridecanoic acid		C13:0	42 (5Z,8Z,11Z)-Icosa-5,8,11-trienoic acid	(Mead acid)	C20:3n-9
7 Tetradecanoic acid	(Myristic acid)	C14:0	43 (8Z,11Z,14Z,17Z)-Icosa-8,11,14,17-tetraenoic acid		C20:4n-3
8 (Z)-Tetradec-9-enoic acid	(Myristoleic acid)	C14:1n-5	44 (5Z,8Z,11Z,14Z)-Icosa-5,8,11,14-tetraenoic acid	(Arachidonic acid)	C20:4n-6
9 (E)-Tetradec-9-enoic acid		C14:1n-5 <i>t</i>	45 (5Z,8Z,11Z,14Z,17Z)-Icosa-5,8,11,14,17-pentaenoic acid	(Eicosapentaenoic acid, EPA)	C20:5n-3
10 13-Methyltetradecanoic acid		C15:0 <i>i</i>	46 19-Methyleicosanoic acid		C21:0 <i>i</i>
11 Pentadecanoic acid	(Pentadecylic acid)	C15:0	47 Henicosanoic acid	(Heneicosylic acid)	C21:0
12 (Z)-Pentadec-10-enoic acid		C15:1n-5	48 (Z)-henicos-12-enoic acid		C21:1n-9
13 14-Methylpentadecanoic acid		C16:0 <i>i</i>	49 (6Z,9Z,12Z,15Z,18Z)-henicosa-6,9,12,15,18-pentaenoic acid		C21:5n-3
14 Hexadecanoic acid	(Palmitic acid)	C16:0	50 Docosanoic acid	(Behenic acid)	C22:0
15 (Z)-hexadec-9-enoic acid	(Palmitoleic acid)	C16:1n-7	51 (Z)-docos-13-enoic acid	(Erucic acid)	C22:1n-9
16 (Z)-hexadec-7-enoic acid		C16:1n-9	52 (E)-docos-13-enoic acid		C22:1n-9 <i>t</i>
17 15-Methylhexadecanoic acid		C17:0 <i>i</i>	53 (13Z,16Z)-docosa-13,16-dienoic acid	(Docosadienoic acid)	C22:2n-6
18 Heptadecanoic acid	(Margaric acid)	C17:0	54 (13Z,16Z,19Z)-docosa-13,16,19-trienoic acid		C22:3n-3
19 (Z)-Heptadec-10-enoic acid		C17:1n-7	55 (7Z,10Z,13Z,16Z)-docosa-7,10,13,16-tetraenoic acid	(Adrenic acid)	C22:4n-6
20 16-Methylheptadecanoic acid		C18:0 <i>i</i>	56 (7Z,10Z,13Z,16Z,19Z)-docosa-7,10,13,16,19-pentaenoic acid	(Clupanodonic acid)	C22:5n-3
21 Octadecanoic acid	(Stearic acid)	C18:0	57 (4Z,7Z,10Z,13Z,16Z)-docosa-4,7,10,13,16-pentaenoic acid	(Osbond acid)	C22:5n-6
22 (Z)-Octadec-11-enoic acid	( <i>cis</i> -Vaccenic acid)	C18:1n-7	58 (4Z,7Z,10Z,13Z,16Z,19Z)-docosa-4,7,10,13,16,19-hexaenoic acid	(Docosahexaenoic acid, DHA)	C22:6n-3
23 (E)-Octadec-11-enoic acid	(Vaccenic acid)	C18:1n-7 <i>t</i>	59 Tricosanoic acid	(Tricosylic acid)	C23:0
24 (Z)-Octadec-9-enoic acid	(Oleic acid)	C18:1n-9	60 (Z)-tricos-14-enoic acid		C23:1n-9
25 (E)-Octadec-9-enoic acid	(Elaidic acid)	C18:1n-9 <i>t</i>	61 Tetracosanoic acid	(Lignoceric acid)	C24:0
26 (9Z,12Z)-Octadeca-9,12-dienoic acid	(Linoleic acid)	C18:2n-6	62 (Z)-tetracos-15-enoic acid	(Nervonic acid)	C24:1n-9
27 (9Z,11E)-Octadeca-9,11-dienoic acid		C18:2(9Z,11E)	63 (9Z,12Z,15Z,18Z,21Z)-tetracos-9,12,15,18,21-pentaenoic acid		C24:5n-3
28 (9E,12E)-Octadeca-9,12-dienoic acid		C18:2n-6 <i>tt</i>	64 (6Z,9Z,12Z,15Z,18Z)-tetracos-6,9,12,15,18-pentaenoic acid		C24:5n-6
29 (9Z,12Z,15Z)-Octadeca-9,12,15-trienoic acid	( $\alpha$ -Linolenic acid)	C18:3n-3	65 (6Z,9Z,12Z,15Z,18Z,21Z)-tetracos-6,9,12,15,18,21-hexaenoic acid	(Nisinic acid)	C24:6n-3
30 (6Z,9Z,12Z)-Octadeca-6,9,12-trienoic acid	( $\gamma$ -Linolenic acid)	C18:3n-6	66 Pentacosanoic acid		C25:0
31 (6Z,9Z,12Z,15Z)-Octadeca-6,9,12,15-tetraenoic acid	(Stearidonic acid)	C18:4n-3	67 Hexacosanoic acid	(Cerotic acid)	C26:0
32 17-Methyloctadecanoic acid		C19:0 <i>i</i>	68 Heptacosanoic acid		C27:0
33 Nonadecanoic acid	(Nonadecylic acid)	C19:0	69 Octacosanoic acid	(Montanic acid)	C28:0
34 (Z)-Nonadec-10-enoic acid		C19:1n-9	70 Nonacosanoic acid		C29:0
35 18-Methylnonadecanoic acid		C20:0 <i>i</i>	71 Triacontanoic acid	(Melissic acid)	C30:0
36 Icosanoic acid	(Arachidic acid)	C20:0			