

ALDEHYDES

Liquids

Name	Boiling Point (°C)	2,4 DNP Derivative Melting Point (°C)
Ethanal (acetaldehyde)	20	168
Propanal (propionaldehyde)	48	150
Glyoxal	50	328
2-Propenal (acrolein)	52	165
2-Methylpropanal (isobutyraldehyde)	64	187
2-Methyl-2-propenal	68	206
Butanal (<i>n</i> -butyraldehyde)	75	123
Trimethylacetaldehyde	75	210
Chloroacetaldehyde	86	
3-Methylbutanal	93	123
Pentanal	103	98
2-Butenal	104	190
2-Ethylbutanal	117	129
4-Methylpentanal	121	99
Paraldehyde	125	168
Hexanal	131	104
5-Methylhexanal	144	117
Heptanal	155	108
Furfural	162	230
Octanal	171	106
Benzaldehyde	179	237
Nonanal	185	100
Glutaraldehyde	189	
Phenylethanal (phenylacetaldehyde)	194	121
Salicylaldehyde	197	252
3-Methylbenzaldehyde (<i>m</i> -tolualdehyde)	199	195
2-Methylbenzaldehyde (<i>o</i> -tolualdehyde)	200	195
4-Methylbenzaldehyde (<i>p</i> -tolualdehyde)	205	234
Decanal	207	104
2-Chlorobenzaldehyde	214	209
3-Chlorobenzaldehyde	214	256
3-Methoxybenzaldehyde	230	
3-Bromobenzaldehyde	234	
2-Ethoxybenzaldehyde	247	
4-Methoxybenzaldehyde	248	254
Cinnamaldehyde	252	255

ALDEHYDES

Solids

Name	Melting Point (°C)
1-Naphthaldehyde	34
Phenylethanal (phenylacetaldehyde)	34
Piperonal	37
2-Methoxybenzaldehyde	39
4-Diethylaminobenzaldehyde	41
3,4-Dichlorobenzaldehyde	44
2-Nitrobenzaldehyde	44
3,4-Dimethoxybenzaldehyde	45
4-Chlorobenzaldehyde	48
2,3-Dimethoxybenzaldehyde	54
4-Bromobenzaldehyde	57
3-Nitrobenzaldehyde	58
2-Naphthaldehyde	60
3,5-Dichlorobenzaldehyde	65
2,6-Dichlorobenzaldehyde	71
2,4-Dimethoxybenzaldehyde	71
4-Aminobenzaldehyde	72
2-Chloro-4-nitrobenzaldehyde	74
2,4-Dichlorobenzaldehyde	74
4-Dimethylaminobenzaldehyde	74
3,4,5-Trimethoxybenzaldehyde	78
2-Chloro-5-nitrobenzaldehyde	79
2-Hydroxy-3-methoxybenzaldehyde (vanillin)	81
3,5-Dibromosalicylaldehyde	85
Isophthalaldehyde	89
3-Hydroxybenzaldehyde	104
5-Bromosalicylaldehyde	106
4-Nitrobenzaldehyde	106
4-Hydroxybenzaldehyde	116
Terphthalaldehyde	116
2,4,6-Trimethoxybenzaldehyde	118
5-Nitrosalicylaldehyde	126
2,4-Dihydroxybenzaldehyde	136
3,4-Dihydroxybenzaldehyde	154
3,5-Dihydroxybenzaldehyde	156
Benzaldehyde-3-carboxylic acid	175