

Standards for Pesticide Analysis

DIN Methods

The Chem Service range of high-quality standards for DIN Methods are ideal for use during the analysis of select pesticides and compounds in water, wastewater, and sludge. These standards were designed to meet the needs of laboratories utilizing DIN methods.



Key Features

- ▶ Available as pre-configured mixtures or neat compounds
- ▶ Mixtures are packaged in convenient 1 ml quantities to minimize storage requirements and waste
- ▶ Neats are certified for purity, identity, and stability and are traceable by lot.



DIN38407 Pesticide Standard Mixture

Part Number: M-DIN38407PS2A10-1ML

Matrix: 10 µg/mL in Acetonitrile

Component	CAS No.	Part Number
Simazine	122-34-9	N-13800
Propazine	139-40-2	N-13108
Monuron	150-68-5	N-12497
Chlorotoluron	15545-48-9	N-11455
Trifluralin	1582-09-8	N-13689
Alachlor	15972-60-8	N-11043
Atrazine	1912-24-9	N-11106
Metoxuron	19937-59-8	N-12480
Bladex	21725-46-2	N-11327
Metobromuron	3060-89-7	N-12477
Pendimethalin	40487-42-1	N-13140
Chlorfenvinphos	470-90-6	N-11429
Vinclozolin	50471-44-8	N-13745
Metolachlor	51218-45-2	N-12478
Parathion™	56-38-2	N-12819
Terbutylazine	5915-41-3	N-13512
Metazachlor	67129-08-2	N-12385
Sebutylazin	7286-69-3	N-12950
2,4,5-T™	93-76-5	N-10646
4-Chloro-o-tolyloxyacetic acid	94-74-6	N-10818
2,4-D	94-75-7	N-10609

DIN 38407 Pesticide Mixture

Part Number: M-DIN3840711A10-1ML

Matrix: 10 µg/mL in Acetonitrile

Component	CAS No.	Part Number
Simazine	122-34-9	N-13800
Propazine	139-40-2	N-13108
Monuron	150-68-5	N-12497
Chlorotoluron	15545-48-9	N-11455
Trifluralin	1582-09-8	N-13689
Alachlor	15972-60-8	N-11043
Atrazine	1912-24-9	N-11106
Metoxuron	19937-59-8	N-12480
Bladex	21725-46-2	N-11327
Metobromuron	3060-89-7	N-12477
Pendimethalin	40487-42-1	N-13140
Chlorfenvinphos	470-90-6	N-11429
Vinclozolin	50471-44-8	N-13745
Metolachlor	51218-45-2	N-12478
Parathion™	56-38-2	N-12819
Terbutylazine	5915-41-3	N-13512
Metazachlor	67129-08-2	N-12385
Sebutylazin	7286-69-3	N-12950
2,4,5-T™	93-76-5	N-10646
2,4,5-T-amine	93-76-5	N-10652
4-Chloro-o-tolyloxyacetic acid	94-74-6	N-10818
2,4-D	94-75-7	N-10609
2,4-D sec-butyl ester	94-75-7	N-10621

DIN 38407 Pesticide Standard Mixture – 1

Part Number: M-DIN38407PS1J10-1ML

Matrix: 10 µg/mL in Hexane

Component	CAS No.	Part Number
4,4'-DDD	72-54-8	N-10874
4,4'-DDE	72-55-9	N-10875
4,4'-DDT	50-29-3	N-10876
a-Endosulfan	959-98-8	N-10979
Aldrin	309-00-2	N-11049
b-Endosulfan	33213-65-9	N-11118
BHC (alpha isomer)	319-84-6	N-11194
BHC (beta isomer)	319-85-7	N-11195
Dieldrin	60-57-1	N-11688
Endrin	72-20-8	N-11854
Heptachlor	76-44-8	N-12147
Heptachlor epoxide (Isomer B)	1024-57-3	N-12148
Lindane (BHC gamma isomer)	58-89-9	N-12319
Methoxychlor	72-43-5	N-12403
o,p'-DDE	3424-82-6	N-12707
o,p'-DDT	789-02-6	N-12708
trans-Heptachlor epoxide	28044-83-9	N-13618

DIN 38407 PAH Solution

Part Number: M-DIN38407PH1A10-1ML

Matrix: 10 µg/mL in Acetonitrile

Component	CAS No.	Part Number
Anthracene	120-12-7	N-11081
Pyrene	129-00-0	N-13149
1,12-Benzoperylene	191-24-2	N-10142
Indeno (1,2,3-C,D) pyrene	193-39-5	N-12211
Benzo (b) fluoranthene	205-99-2	N-11165
Fluoranthene	206-44-0	N-11994
Benzo (k) fluoranthene	207-08-9	N-11168
Chrysene	218-01-9	N-11466
Benzo (a) pyrene	50-32-8	N-11164
1,2:5,6-Dibenzanthracene	53-70-3	N-10169
1,2-Benzanthracene	56-55-3	N-10143
Acenaphthene	83-32-9	N-10999
Phenanthrene	85-01-8	N-12855
Fluorene	86-73-7	N-11996
Naphthalene	91-20-3	N-12643

DIN 38407 PAH Standard Mixture – 1

Part Number: M-DIN38407PH2A10-1ML

Matrix: 10 µg/mL in Acetonitrile

Component	CAS No.	Part Number
1,12-Benzoperylene	191-24-2	N-10142
Indeno (1,2,3-C,D) pyrene	193-39-5	N-12211
Benzo (b) fluoranthene	205-99-2	N-11165
Fluoranthene	206-44-0	N-11994
Benzo (k) fluoranthene	207-08-9	N-11168
Benzo (a) pyrene	50-32-8	N-11164

DIN 38407 Nitroaromatic Mixture

Part Number: M-DIN38407NCM3-1ML

Matrix: 500 µg/mL in Methanol

Component	CAS No.	Part Number
2,4,6-Trinitrotoluene - min 30wt% water	118-96-7	N-10659
4-Methyl-3-nitroaniline	119-32-4	NG-17028
2,4-Dinitrotoluene	121-14-2	N-10643
4-Amino-2,6-dinitrotoluene	19406-51-0	N-10804
2-Amino-4,6-dinitrotoluene	35572-78-2	N-10268
2-Methyl-3-nitroaniline	603-83-8	NG-17025
2,6-Dinitrotoluene	606-20-2	N-10697
3,4-Dinitrotoluene	610-39-9	N-10767
o-Nitrotoluene	88-72-2	N-12690
Nitrobenzene	98-95-3	N-12660
m-Dinitrobenzene	99-65-0	N-12331
p-Nitrotoluene	99-99-0	N-12787

DIN38407 Methyl Esters Standard Mixture

Part Number: M-DIN38407ME1J3-1ML

Matrix: 500 µg/mL in Hexane

Component	CAS No.	Part Number
2,4-DB methyl ester	18625-12-2	N-10533
(2,4,5-Trichlorophenoxy) acetic acid methyl ester	1928-37-6	N-10005
2,4-D methyl ester	1928-38-7	N-10619
2,6-D methyl ester	1928-38-7	N-12997
4-Chloro-o-tolyloxyacetic acid methyl ester	2436-73-9	N-10819
Mecoprop methyl ester	23844-56-6	N-12361
Silvex methyl ester	4841-20-7	N-13214
Dichlorprop methyl ester	57153-17-0	N-11672
MCPB methyl ester	57153-18-1	N-12358

DIN 38407 Glyphosate and AMPA Mixture

Part Number: M-DIN38407GAF1-1ML

Matrix: 100 µg/mL in Water

Component	CAS No.	Part Number
Aminomethyl phosphonic acid	1066-51-9	MET-12133A
Glyphosate	1071-83-6	N-12133

DIN 38407 Explosives Mixture

Part Number: M-DIN38407EX1M10-1ML

Matrix: 10 µg/mL in Methanol

Component	CAS No.	Part Number
2,4,6-Trinitrotoluene - min 30wt% water	118-96-7	N-10659
Hexahydro-1,3,5-trinitro-1,3,5-triazine Solution	121-82-4	S-12170A4
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine Solution	2691-41-0	S-12714A4
Tetryl Solution	479-45-8	S-13558A4

DIN 38407 Halo Acetic Acids Mixture - 1

Part Number: M-DIN38407HAAT10-1ML

Matrix: 10 µg/mL in tert-Butylmethyl ether

Component	CAS No.	Part Number
Bromochloroacetic acid	5589-96-8	N-11335
Dibromoacetic acid	631-64-1	N-11632
Dalapon	75-99-0	N-11562
Trichloroacetic acid	76-03-9	N-13652
Bromoacetic acid	79-08-3	N-11331
Chloroacetic acid	79-11-8	N-11438
Dichloroacetic acid	79-43-6	N-11663

DIN Method 38407 Pesticide Free Acid Mixture

Part Number: M-DIN38407FAM3-1ML

Matrix: 500 µg/mL in Methanol

Component	CAS No.	Part Number
Dichlorprop	120-36-5	N-11671
Mecoprop	7085-19-0	N-12360
Silvex	93-72-1	N-13212
2,4,5-T™	93-76-5	N-10646
4-Chloro-o-tolyloxyacetic acid	94-74-6	N-10818
2,4-D	94-75-7	N-10609
MCPB	94-81-5	N-12357
2,4-DB	94-82-6	N-10622

DIN 38407-9 German Standards Method Benzene Mixture

Part Number: M-DIN38407BENZM1-1ML

Matrix: 100 µg/mL in Methanol

Component	CAS No.	Part Number
1,4-Dichlorobenzene	106-46-7	N-10216
Benzene	71-43-2	N-11149
Chlorobenzene	108-90-7	N-11440
Ethylbenzene	100-41-4	N-11922
m-Xylene	108-38-3	N-12345
o-Xylene	95-47-6	N-12699
p-Xylene	106-42-3	N-12806
Toluene	108-88-3	N-13580

DIN 12673 Chlorophenols Standard Mixture

Part Number: M-DIN12673CPG99-1ML

Solvent: N,N-Dimethylacetamide

Component	CAS No.	Part Number	Concentration
2,3,4,5-Tetrachlorophenol	4901-51-3	N-10527	2 ug/mL
2,3,4,6-Tetrachlorophenol	58-90-2	N-10599	2 ug/mL
2,3,4-Trichlorophenol	15950-66-0	N-10597	3 ug/mL
2,3,5,6-Tetrachlorophenol	935-95-5	N-10604	2 ug/mL
2,3,5-Trichlorophenol	933-78-8	N-10600	3 ug/mL
2,3,6-Trichlorophenol	933-75-5	N-10606	3 ug/mL
2,3-Dichlorophenol	576-24-9	N-10525	4 ug/mL
2,4,5-Trichlorophenol	95-95-4	N-10654	3 ug/mL
2,4,6-Trichlorophenol	88-06-2	N-10657	3 ug/mL
2,4-Dichlorophenol	120-83-2	N-10626	4 ug/mL
2,5-Dichlorophenol	583-78-8	N-10671	4 ug/mL
2,6-Dichlorophenol	87-65-0	N-10689	4 ug/mL
2-Chlorophenol	95-57-8	N-10324	30 ug/mL
3,4,5-Trichlorophenol	609-19-8	N-10768	3 ug/mL
3,4-Dichlorophenol	95-77-2	N-10766	4 ug/mL
3,5-Dichlorophenol	591-35-5	N-10793	4 ug/mL
3-Chlorophenol	108-43-0	N-10713	30 ug/mL
4-Chlorophenol	106-48-9	N-10823	30 ug/mL
Pentachlorophenol	87-86-5	N-12831	1 ug/mL