

Explosive Standards



Residual explosives are an environmental pollutant as a result of military activity. They can be found in the soil and water at munitions sites. Traditionally these reference materials have been used for the monitoring or remediation of such sites. The most common explosives found in soil are: TNT (2,4,6- trinitrotoluene), RDX (1,3,5-trinitro-1,3,5-triazinane), and HMX (1,3,5,7-tetranitro-1,3,5,7-tetrazocane).

Chem Service has these and other explosive standards for EPA Methods 529 and 8330. These methods test for explosives and related compounds in finished drinking water and soil.

name	CAS#	part number
4-Amino-2,6-dinitrotoluene	19406-51-0	N-10804-10MG
4-Amino-2,6-dinitrotoluene Solution 1000 ug/ml in Acetonitrile	19406-51-0	S-10804A4-5ML
4-Amino-2,6-dinitrotoluene Solution 1000 ug/ml in Acetonitrile	19406-51-0	S-10804A4-1ML
2-Amino-4,6-dinitrotoluene	35572-78-2	N-10268-10MG
2-Amino-4,6-dinitrotoluene Solution 1000 ug/ml in Acetonitrile	35572-78-2	S-10268A4-1ML
2-Amino-4,6-dinitrotoluene Solution 1000 ug/ml in Acetonitrile	35572-78-2	S-10268A4-5ML
2-Amino-4-nitrophenol	99-57-0	N-10267-500MG
2-Amino-5-nitrophenol	121-88-0	NG-14522-1G
Aniline	62-53-3	RPN-11076-1G
Aniline	62-53-3	N-11076-1G
Aniline Solution 100ug/mL in Methanol	62-53-3	S-11076M1-5ML
Aniline Solution 100ug/mL in Methanol	62-53-3	S-11076M1-1ML
4-Chloro-2-methylaniline	95-69-2	MET-11426A-1G
5-Chloro-2-methylaniline	95-79-4	N-10893-1G
5-Chloro-2-methylaniline Solution 100 ug/ml in Methanol	95-79-4	S-10893M1-5ML
5-Chloro-2-methylaniline Solution 100 ug/ml in Methanol	95-79-4	S-10893M1-1ML
2-Chloro-4-methylaniline	615-65-6	NG-15622-100MG
3-Chloro-4-methylaniline	95-74-9	NG-15672-1G
2-Chloro-6-methylaniline	87-63-8	NG-15670-1G
2,4-Diaminotoluene	95-80-7	N-10534-1G
2,6-Diaminotoluene	823-40-5	N-10686-1G
3,4-Diaminotoluene	496-72-0	N-10783-1G
2,4-Diaminotoluene Solution 100 ug/ml In Toluene	95-80-7	S-10534U1-1ML
2,4-Diaminotoluene Solution 100 ug/ml In Toluene	95-80-7	S-10534U1-5ML
2,5-Diaminotoluene sulfate	615-50-9	NG-15951-1G
2,4-Dinitroaniline	97-02-9	N-10539-1G
2,4-Dinitroaniline Solution 1000 ug/ml in Toluene	97-02-9	S-10539U4-1ML
2,4-Dinitroaniline Solution 1000 ug/ml in Toluene	97-02-9	S-10539U4-5ML
3,5-Dinitroaniline Solution 1000 ug/ml in Acetonitrile	618-87-1	S-10771A4-1ML
o-Dinitrobenzene	528-29-0	N-12683-500MG
m-Dinitrobenzene	99-65-0	N-12331-500MG
p-Dinitrobenzene	100-25-4	N-12775-500MG
o-Dinitrobenzene Solution 1000 ug/ml in Methanol	528-29-0	S-12683M4-5ML
o-Dinitrobenzene Solution 100 ug/ml in Methanol	528-29-0	S-12683M1-5ML
o-Dinitrobenzene Solution 1000 ug/ml in Methanol	528-29-0	S-12683M4-1ML
o-Dinitrobenzene Solution 100 ug/ml in Methanol	528-29-0	S-12683M1-1ML
m-Dinitrobenzene Solution 100 ug/ml in Methanol	99-65-0	S-12331M1-5ML
m-Dinitrobenzene Solution 100 ug/ml in Methanol	99-65-0	S-12331M1-1ML
m-Dinitrobenzene Solution 1000 ug/ml in Acetonitrile	99-65-0	S-12331A4-5ML
m-Dinitrobenzene Solution 1000 ug/ml in Acetonitrile	99-65-0	S-12331A4-1ML
p-Dinitrobenzene Solution 100 ug/ml In Methanol	100-25-4	S-12775M1-5ML
p-Dinitrobenzene Solution 100 ug/ml In Methanol	100-25-4	S-12775M1-1ML
2,4-Dinitrophenol (min 15wt% water)	51-28-5	N-10641-1G
2,4-Dinitrophenol Solution 100 ug/ml in Methanol	51-28-5	S-10641M1-5ML
2,4-Dinitrophenol Solution 100 ug/ml in Methanol	51-28-5	S-10641M1-1ML
2,3-Dinitrotoluene	602-01-7	NG-16399-1G
2,4-Dinitrotoluene	121-14-2	N-10643-1G
2,6-Dinitrotoluene	606-20-2	N-10697-1G
2,4-Dinitrotoluene Solution 1000ug/mL in Acetonitrile	121-14-2	S-10643A4-5ML
2,4-Dinitrotoluene Solution 1000ug/mL in Acetonitrile	121-14-2	S-10643A4-1ML
2,4-Dinitrotoluene Solution 100 ug/ml in Methanol	121-14-2	S-10643M1-1ML
2,4-Dinitrotoluene Solution 100 ug/ml in Methanol	121-14-2	S-10643M1-5ML
2,6-Dinitrotoluene Solution 1000 ug/ml in Acetonitrile	606-20-2	S-10697A4-5ML
2,6-Dinitrotoluene Solution 100 ug/ml in Methanol	606-20-2	S-10697M1-5ML
2,6-Dinitrotoluene Solution 100 ug/ml in Methanol	606-20-2	S-10697M1-1ML
2,6-Dinitrotoluene Solution 1000 ug/ml in Acetonitrile	606-20-2	S-10697A4-1ML
Hexahydro-1,3,5-trinitro-1,3,5-triazine Solution 1000ug/mL in Acetonitrile	121-82-4	S-12170A4-5ML
Hexahydro-1,3,5-trinitro-1,3,5-triazine Solution 1000ug/mL in Acetonitrile	121-82-4	S-12170A4-1ML
2-Methyl-3-nitroaniline	603-83-8	NG-17025-1G
4-Methyl-3-nitroaniline	119-32-4	NG-17028-1G
5-Nitro-2-aminotoluene	99-52-5	NG-17194-1G
2-Nitro-6-methylaniline	570-24-1	NG-17268-1G
Nitrobenzene	98-95-3	N-12660-1G
Nitrobenzene Solution 1000 ug/ml in Acetonitrile	98-95-3	S-12660A4-5ML
Nitrobenzene Solution 100 ug/ml in Methanol	98-95-3	S-12660M1-5ML
Nitrobenzene Solution 100 ug/ml in Methanol	98-95-3	S-12660M1-1ML
Nitrobenzene Solution 1000 ug/ml in Acetonitrile	98-95-3	S-12660A4-1ML
Nitroguanidine (min 20wt% water)	556-88-7	NG-17254-1G
5-Nitro-o-toluidine	99-55-8	N-10898-1G
5-Nitro-o-toluidine Solution 100 ug/ml in Methanol	99-55-8	S-10898M1-1ML
5-Nitro-o-toluidine Solution 100 ug/ml in Methanol	99-55-8	S-10898M1-5ML
o-Nitrotoluene	88-72-2	N-12690-1G
m-Nitrotoluene	99-08-1	N-13803-1G
p-Nitrotoluene	99-99-0	N-12787-1G
o-Nitrotoluene Solution 2500 ug/ml in t-Butylmethyl ether	88-72-2	S-12690T6-1ML

name	CAS#	part number
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o-Nitrotoluene Solution 2500 ug/ml in t-Butylmethyl ether	88-72-2	S-12690T6-5ML
o-Nitrotoluene Solution 1000 ug/ml in Acetonitrile	88-72-2	S-12690A4-1ML
o-Nitrotoluene Solution 1000 ug/ml in Acetonitrile	88-72-2	S-12690A4-5ML
m-Nitrotoluene Solution 1000 ug/ml in Acetonitrile	99-08-1	S-13803A4-5ML
m-Nitrotoluene Solution 1000 ug/ml in Acetonitrile	99-08-1	S-13803A4-1ML
p-Nitrotoluene Solution 1000 ug/ml in Acetonitrile	99-99-0	S-12787A4-5ML
p-Nitrotoluene Solution 1000 ug/ml in Acetonitrile	99-99-0	S-12787A4-1ML
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine Solution 1000 ug/ml in Acetonitrile	2691-41-0	S-12714A4-1ML
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine Solution 1000 ug/ml in Acetonitrile	2691-41-0	S-12714A4-5ML
Pentaerythritol tetranitrate Solution 1000 ug/ml in Acetonitrile	78-11-5	S-12837A4-5ML
Pentaerythritol tetranitrate Solution 1000 ug/ml in Acetonitrile	78-11-5	S-12837A4-1ML
Picric acid - min 30wt% water	88-89-1	N-13052-1G
2,3,4,5-Tetrachloronitrobenzene	879-39-0	N-12939-100MG
Tetryl Solution 1000 ug/ml in Acetonitrile	479-45-8	S-13558A4-1ML
Tetryl Solution 1000 ug/ml in Acetonitrile	479-45-8	S-13558A4-5ML
o-Toluidine	95-53-4	N-12697-1G
m-Toluidine	108-44-1	N-12343-1G
p-Toluidine	106-49-0	N-12804-1G
o-Toluidine Solution 100 ug/ml in Methanol	95-53-4	S-12697M1-5ML
o-Toluidine Solution 100 ug/ml in Methanol	95-53-4	S-12697M1-1ML
1,3,5-Trinitrobenzene (min 30wt% water)	99-35-4	N-10208-100MG
1,3,5-Trinitrobenzene Solution 1000 ug/ml in Acetonitrile	99-35-4	S-10208A4-1ML
1,3,5-Trinitrobenzene Solution 1000 ug/ml in Methylene chloride	99-35-4	S-10208X4-5ML
1,3,5-Trinitrobenzene Solution 1000 ug/ml in Methylene chloride	99-35-4	S-10208X4-1ML
1,3,5-Trinitrobenzene Solution 100 ug/ml in Methanol	99-35-4	S-10208M1-5ML
1,3,5-Trinitrobenzene Solution 1000 ug/ml in Acetonitrile	99-35-4	S-10208A4-5ML
1,3,5-Trinitrobenzene Solution 100 ug/ml in Methanol	99-35-4	S-10208M1-1ML
2,4,6-Trinitrotoluene - min 30wt% water	118-96-7	N-10659-100MG
2,4,6-Trinitrotoluene - min 30wt% water Solution 1000ug/mL in Acetonitrile	118-96-7	S-10659A4-1ML
2,4,6-Trinitrotoluene - min 30wt% water Solution 1000ug/mL in Acetonitrile 1000ug/ml in Methanol:Acetonitrile (50:50) (7 components)	118-96-7	S-10659A4-5ML
1000ug/ml in Methanol:Acetonitrile (50:50) (5 components)		M-NN83301AH4-1ML
10ug/mL in Methanol (11 components)		M-DIN38407EX1M10-1ML
500ug/mL in Methanol (12 components)		M-DIN38407NCM3-1ML