



Explosives

Explosive standards are traditionally used for the remediation of soil and water in locations where explosives have been stored. These same standards are now being used to calibrate baggage screening detectors at airports and other secure locations (embassies and other government buildings). They also are used by police departments and the military in K-9 odor recognition training for explosives.

AccuStandard has working relationships with both government and private sector K-9 training facilities and laboratories which provide valuable information and insight into the latest developments in explosives.

To assist in all aspects of explosive detection and analysis, AccuStandard synthesizes an array of explosives as well as metabolites, degradation products and raw materials. AccuStandard is the only U.S. commercial source for TATP, HMTD, HMDD and HNS.

In addition to catalog items, we offer special formulations for EPA method and customer-specific applications.

□ TNT Metabolites

Matrix Key

AcCN Acetonitrile DMF Dimethyl formamide
MeOH Methanol EtOH Ethanol

Explosives

Compound	CAS No.	Conc.	Matrix	Cat. No.	1 mL
2-Amino-4,6-dinitrotoluene □	35572-78-2	1 mg/mL	AcCN:MeOH (50:50)	M-8330-13	
		0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-13-0.1X	
4-Amino-2,6-dinitrotoluene □	19406-51-0	1 mg/mL	AcCN:MeOH (50:50)	M-8330-14	
		0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-14-0.1X	
3-Amino-1,2,4-triazol-5-one		100 µg/mL	AcCN	M-8330-ADD-55	
Ammonium picrate	131-74-8	0.1 mg/mL	AcCN	M-8330-ADD-27	
DEGDN	693-21-0	100 µg/mL	AcCN:MeOH (50:50)	M-8330-ADD-36	
1,2-Diaminopropane	78-90-0	0.1 mg/mL	MeOH	M-8330-ADD-9	
2,4-Diamino-6-nitrotoluene □	6629-29-4	0.1 mg/mL	AcCN	M-8330-ADD-12	
2,6-Diamino-4-nitrotoluene □	59229-75-3	0.1 mg/mL	AcCN	M-8330-ADD-13	
Diazodinitrophenol	4682-03-5	0.1 mg/mL	AcCN	M-8330-ADD-48	
		1 mg/mL	AcCN	M-8330-ADD-48-10X	
2,3-Dimethyl-2,3-dinitrobutane (DMNB)	3964-18-9	100 µg/mL	AcCN	M-8330-ADD-21	
3,5-Dinitroaniline	618-87-1	0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-ADD-4	
1,2-Dinitrobenzene	528-29-0	1 mg/mL	MeOH	M-8330-SS	
1,3-Dinitrobenzene	99-65-0	1 mg/mL	AcCN:MeOH (50:50)	M-8330-01	
		0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-01-0.1X	
1,2-Dinitroglycerin	621-65-8	100 µg/mL	AcCN:MeOH (50:50)	M-8330-ADD-33	
1,3-Dinitroglycerin	623-87-0	100 µg/mL	AcCN:MeOH (50:50)	M-8330-ADD-34	
2,4-Dinitrotoluene □	121-14-2	1 mg/mL	AcCN:MeOH (50:50)	M-8330-02	
		0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-02-0.1X	
2,6-Dinitrotoluene □	606-20-2	1 mg/mL	AcCN:MeOH (50:50)	M-8330-03	
		0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-03-0.1X	
3,4-Dinitrotoluene	610-39-9	1 mg/mL	MeOH	M-8330-IS	
3,5-Dinitrotoluene □	618-85-9	100 µg/mL	AcCN:MeOH (50:50)	M-8330-ADD-39	
Dipentaerythritol hexanitrate	13184-80-0	100 µg/mL	MeOH	M-8330-ADD-43	
EGDN	628-96-6	0.1 mg/mL	AcCN	M-8330-ADD-5	
Ethylcentralite		100 µg/mL	AcCN:MeOH (50:50)	M-8330-ADD-50	
Erythritol tetranitrate (ETN)	7297-25-8	0.1 mg/mL	AcCN	M-8330-ADD-47	
		1 mg/mL	AcCN	M-8330-ADD-47-10X	
Guanidine nitrate	506-93-4	0.1 mg/mL	MeOH	M-8330-ADD-10	
Hexahydro-1,3,5-trinitroso-1,3,5-triazine	13980-04-6	0.1 mg/mL	AcCN	M-8330-ADD-46	
		1 mg/mL	AcCN	M-8330-ADD-46-10X	
Hexanitrodiphenylamine	131-73-7	100 µg/mL	AcCN:MeOH (50:50)	M-8330-ADD-37	
Hexanitrostilbene (HNS) □	20062-22-0	0.1 mg/mL	AcCN	M-8330-ADD-26 *	
Hexamethylenetriperoxide diamine (HMTD)	283-66-9	0.1 mg/mL	AcCN	M-8330-ADD-25	
HMX	2691-41-0	1 mg/mL	AcCN:MeOH (50:50)	M-8330-04	
		0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-04-0.1X	
Hydrazine	302-01-2	0.1 mg/mL	MeOH	M-8330-ADD-8	
2-Hydroxylamino-4,6-dinitrotoluene □ *	59283-76-0	0.1 mg/mL	AcCN	M-8330-ADD-18 *	
4-Hydroxylamino-2,6-dinitrotoluene □ *	59283-75-0	0.1 mg/mL	AcCN	M-8330-ADD-20 *	
Methylcentralite		100 µg/mL	AcCN:MeOH (50:50)	M-8330-ADD-49	
Nitrobenzene □	98-95-3	1 mg/mL	AcCN:MeOH (50:50)	M-8330-06	
		0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-06-0.1X	
N-Nitrodimethylamine	4164-28-7	100 µg/mL	AcCN	M-8330-ADD-40	
2-Nitrodiphenylamine	119-75-5	100 µg/mL	AcCN:MeOH (50:50)	M-8330-ADD-51	
4-Nitrodiphenylamine	836-30-6	100 µg/mL	AcCN:MeOH (50:50)	M-8330-ADD-52	
Nitroglycerin	55-63-0	0.1 mg/mL	EtOH	M-8330-ADD-1	
		1.0 mg/mL	EtOH:MeOH (97:3)	M-8330-ADD-1-10X	
1-Nitroglycerin	624-43-1	100 µg/mL	AcCN:MeOH (50:50)	M-8330-ADD-31	
2-Nitroglycerin	620-12-2	100 µg/mL	AcCN:MeOH (50:50)	M-8330-ADD-32	
Nitroguanidine	556-88-7	0.1 mg/mL	MeOH	M-8330-ADD-6	
Nitromethane	75-52-5	0.1 mg/mL	MeOH	M-8330-ADD-7	
2-Nitrotoluene □	88-72-2	1 mg/mL	AcCN:MeOH (50:50)	M-8330-07	
		0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-07-0.1X	
3-Nitrotoluene □	99-08-1	1 mg/mL	AcCN:MeOH (50:50)	M-8330-08	
		0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-08-0.1X	
4-Nitrotoluene □	99-99-0	1 mg/mL	AcCN:MeOH (50:50)	M-8330-09	
		0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-09-0.1X	
3-Nitro-1,2,4-triazol-5-one (NTO)	932-64-9	100 µg/mL	AcCN:MeOH (50:50)	M-8330-ADD-53	
Pentaerythritol trinitrate	1607-17-6	100 µg/mL	MeOH	M-8330-ADD-44	
PETN	78-11-5	0.1 mg/mL	MeOH	M-8330-ADD-2	
		1 mg/mL	MeOH	M-8330-ADD-2-10X	

* 3 month stability

* ColdPAK required to maintain integrity of product.

Explosives continued on next page

Explosives



Explosives (continued)

Compound	CAS No.	Conc.	Matrix	Cat. No.	1 mL
Picramic acid	96-91-3	100 µg/mL	AcCN:MeOH (50:50)	M-8330-ADD-22	
Picric acid	88-89-1	0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-ADD-3	
Propyleneglycol dinitrate	6423-43-4	100 µg/mL	MeOH	M-8330-ADD-35	
PYX	38082-89-2	0.1 mg/mL	AcCN	M-8330-ADD-11	
RDX	121-82-4	1 mg/mL	AcCN:MeOH (50:50)	M-8330-05	
		0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-05-0.1X	
TATP	17088-37-8	0.1 mg/mL	AcCN	M-8330-ADD-24 *	
TEGDN	111-22-8	0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-ADD-41-R1	
2,2',6,6'-Tetranitro-4,4'-azotoluene □		0.1 mg/mL	AcCN	M-8330-ADD-17	
4,4',6,6'-Tetranitro-2,2'-azotoluene □		0.1 mg/mL	AcCN	M-8330-ADD-19	
2,2',6,6'-Tetranitro-4,4'-azoxytoluene □		0.1 mg/mL	AcCN	M-8330-ADD-15	
Tetryl	479-45-8	1 mg/mL	AcCN:MeOH (50:50)	M-8330-10	
		0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-10-0.1X	
TNT	118-96-7	1 mg/mL	AcCN:MeOH (50:50)	M-8330-11	
		0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-11-0.1X	
		0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-11-0.1X	
1,3,5-Triamino-2,4,6-trinitrobenzene	3058-38-6	40 µg/mL	DMF	M-8330-ADD-14-DMF	
2,4,6-Triaminotoluene trihydrochloride (TNT free)	634-87-7	5 mg	NEAT	M-8330-ADD-23N-5MG	
Trimethylolethane trinitrate	3032-55-1	100 µg/mL	AcCN:MeOH (50:50)	M-8330-ADD-28	
1,3,5-Trinitrobenzene □	99-35-4	1 mg/mL	AcCN:MeOH (50:50)	M-8330-12	
		0.1 mg/mL	AcCN:MeOH (50:50)	M-8330-12-0.1X	
2,4,6-Trinitroresorcinol	82-71-3	1 mg/mL	AcCN:MeOH (50:50)	M-8330-ADD-29	

Method 8330 Multi-Component Formulations for Explosive Analysis

Mix A

M-8330A * 1 x 1 mL
0.1 mg/mL each in AcCN:MeOH (50:50)
7 comps.

M-8330A-10X * 1 x 1 mL
1.0 mg/mL each in AcCN:MeOH (50:50)
7 comps.

1,3-Dinitrobenzene	RDX
2,4-Dinitrotoluene	1,3,5-Trinitrobenzene
HMX	TNT
Nitrobenzene	

M-8330A-R * 1 x 1 mL
0.1 mg/mL each in AcCN:MeOH (50:50)
8 comps.

M-8330A-R-10X * 1 x 1 mL
1.0 mg/mL each in AcCN:MeOH (50:50)
8 comps.

2-Amino-4,6-dinitrotoluene	Nitrobenzene
1,3-Dinitrobenzene	RDX
2,4-Dinitrotoluene	1,3,5-Trinitrobenzene
HMX	TNT

Composite Explosive Mixture

M-8330-R-0.1X 1 x 1 mL
0.1 mg/mL each in AcCN:MeOH (50:50)

M-8330-R-0.5X 1 x 1 mL
0.5 mg/mL each in AcCN:MeOH (50:50)

1,3-Dinitrobenzene	3-Nitrotoluene
2,4-Dinitrotoluene	4-Nitrotoluene
2,6-Dinitrotoluene	Tetryl
HMX	TNT
RDX	1,3,5-Trinitrobenzene
Nitrobenzene	2-Amino-4,6-dinitrotoluene
2-Nitrotoluene	4-Amino-2,6-dinitrotoluene

Internal Standard

M-8330-IS 1 x 1 mL
M-8330-IS-PAK 5 x 1 mL

1.0 mg/mL in MeOH
3,4-Dinitrotoluene

SAVE

Technical Note

Mix A and B provide better resolution between possible coeluting analytes, assisting the chemist to optimize the HPLC system. We suggest using the high concentration set M-8330-R-10X-SET when first performing Method 8330 development..

Mix B

M-8330B * 1 x 1 mL
0.1 mg/mL each in AcCN:MeOH (50:50)
5 comps.

M-8330B-10X * 1 x 1 mL
1.0 mg/mL each in AcCN:MeOH (50:50)
5 comps.

Tetryl	3-Nitrotoluene
2,6-Dinitrotoluene	4-Nitrotoluene
2-Nitrotoluene	

M-8330B-R * 1 x 1 mL
0.1 mg/mL each in AcCN:MeOH (50:50)
7 comps.

M-8330B-R-10X * 1 x 1 mL
1.0 mg/mL each in AcCN:MeOH (50:50)
7 comps.

2-Amino-4,6-dinitrotoluene	2-Nitrotoluene
4-Amino-2,6-dinitrotoluene	3-Nitrotoluene
Tetryl	4-Nitrotoluene
2,6-Dinitrotoluene	

M-8330B-R2 * 1 x 1 mL
0.1 mg/mL each in AcCN:MeOH (50:50)
6 comps.

M-8330B-R2-10X * 1 x 1 mL
1.0 mg/mL each in AcCN:MeOH (50:50)
6 comps.

4-Amino-2,6-dinitrotoluene	2-Nitrotoluene
Tetryl	3-Nitrotoluene
2,6-Dinitrotoluene	4-Nitrotoluene

Surrogate Standard

M-8330-SS 1 x 1 mL
1.0 mg/mL in MeOH
1,2-Dinitrobenzene

Explosives by HPLC Set

M-8330-R-SET * 14 x 1 mL
Each at 100 µg/mL in AcCN:MeOH (50:50)

M-8330-R-10X-SET * 14 x 1 mL
Each at 1000 µg/mL in AcCN:MeOH (50:50)

1,3-Dinitrobenzene	3-Nitrotoluene
2,4-Dinitrotoluene	4-Nitrotoluene
2,6-Dinitrotoluene	Tetryl
HMX	TNT
RDX	1,3,5-Trinitrobenzene
Nitrobenzene	2-Amino-4,6-dinitrotoluene
2-Nitrotoluene	4-Amino-2,6-dinitrotoluene

* ColdPAK required to maintain integrity of product.



Explosives

Explosives

Method 529 Explosive & Related Compounds by SPE & Capillary Column GC/MS

Method 529 Calibration Curve

All in µg/mL in Ethyl acetate

M-529-	01	02	03	04	05	06	07	08	09
2-Amino-4,6-dinitrotoluene	0.025	0.05	0.10	0.25	0.50	1.0	2.0	5.0	10
4-Amino-2,6-dinitrotoluene	0.025	0.05	0.10	0.25	0.50	1.0	2.0	5.0	10
3,5-Dinitroaniline	0.025	0.05	0.10	0.25	0.50	1.0	2.0	5.0	10
1,3-Dinitrobenzene	0.025	0.05	0.10	0.25	0.50	1.0	2.0	5.0	10
2,4-Dinitrotoluene	0.025	0.05	0.10	0.25	0.50	1.0	2.0	5.0	10
2,6-Dinitrotoluene	0.025	0.05	0.10	0.25	0.50	1.0	2.0	5.0	10
RDX	0.025	0.05	0.10	0.25	0.50	1.0	2.0	5.0	10
Nitrobenzene	0.025	0.05	0.10	0.25	0.50	1.0	2.0	5.0	10
2-Nitrotoluene	0.025	0.05	0.10	0.25	0.50	1.0	2.0	5.0	10
3-Nitrotoluene	0.025	0.05	0.10	0.25	0.50	1.0	2.0	5.0	10
4-Nitrotoluene	0.025	0.05	0.10	0.25	0.50	1.0	2.0	5.0	10
1,3,5-Trinitrobenzene	0.025	0.05	0.10	0.25	0.50	1.0	2.0	5.0	10
Tetryl	0.025	0.05	0.10	0.25	0.50	1.0	2.0	5.0	10
TNT	0.025	0.05	0.10	0.25	0.50	1.0	2.0	5.0	10

Internal Standard Stock Solution

M-529-IS

2.0 mg/mL Ethyl acetate

1 x 1 mL

3,4-Dinitrotoluene

Internal Standard Fortification Solution

M-529-ISFS

200 µg/mL each in Ethyl acetate:AcCN (96:4)

1 x 1 mL

14 comps.

2-Amino-4,6-dinitrotoluene
 4-Amino-2,6-dinitrotoluene
 3,5-Dinitroaniline
 1,3-Dinitrobenzene
 2,4-Dinitrotoluene
 2,6-Dinitrotoluene
 RDX

Nitrobenzene
 2-Nitrotoluene
 3-Nitrotoluene
 4-Nitrotoluene
 1,3,5-Trinitrobenzene
 Tetryl
 TNT

Surrogate Analyte Stock Solutions

M-529-SS1

M-529-SS1-PAK

1000 µg/mL each in MeOH

1 x 1 mL

5 x 1 mL

2 comps.

1,3,5-Trimethyl-2-nitrobenzene

1,2,4-Trimethyl-5-nitrobenzene

M-529-SS2

M-529-SS2-PAK

1000 µg/mL each in CH₂Cl₂

1 x 1 mL

5 x 1 mL

Nitrobenzene-d₅

Surrogate Analyte Fortification Solution

M-529-SAFS

100 µg/mL each in MeOH

1 x 1 mL

3 comps.

1,3,5-Trimethyl-2-nitrobenzene

Nitrobenzene-d₅

1,2,4-Trimethyl-5-nitrobenzene

Method 8095 Explosives by GC/ECD

This method is a companion to EPA Method 8330, utilizing the sensitivity and selectivity of the ECD.

Explosive Stock Solution A

M-8095-SSA-100X

M-8095-SSA-100X-PAK

100 µg/mL each in AcCN:MeOH (50:50)

SAVE

1 x 1 mL

5 x 1 mL

10 comps.

2-Amino-4,6-dinitrotoluene
 4-Amino-2,6-dinitrotoluene
 1,3-Dinitrobenzene
 2,6-Dinitrotoluene
 2,4-Dinitrotoluene

1,3,5-Trinitrobenzene
 TNT
 RDX
 Tetryl
 HMX

Explosive Stock Solution B

M-8095-SSB-100X

M-8095-SSB-100X-PAK

At stated conc. (µg/mL) in AcCN:MeOH (50:50)

SAVE

1 x 1 mL

5 x 1 mL

7 comps.

Nitrobenzene 500
 3-Nitrotoluene 500
 2-Nitrotoluene 500
 4-Nitrotoluene 500

Nitroglycerin 500
 PETN 500
 3,5-Dinitroaniline 100

Explosive Surrogate Standards

M-8095-SS-01

M-8095-SS-01-PAK

100 µg/mL in AcCN

SAVE

1 x 1 mL

5 x 1 mL

3,4-Dinitrotoluene

M-8095-SS-02

M-8095-SS-02-PAK

100 µg/mL in AcCN

SAVE

1 x 1 mL

5 x 1 mL

2-Methyl-4-nitroaniline

M-8095-SS-03

M-8095-SS-03-PAK

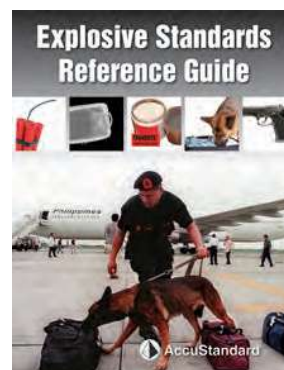
100 µg/mL in AcCN

SAVE

1 x 1 mL

5 x 1 mL

2,5-Dinitrotoluene



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 Reference Guide at
AccuStandard.com

Explosive Standards



DIN Explosive Standards

DIN 38407-21 Explosives

Examination of water, wastewater, and sludge for determination of selected explosives and related compounds by HPLC with UV detection

DIN38407-21-A	1 x 1 mL
10 µg/mL each in MeOH	12 comps.
Picric acid	Nitroglycerin
HMX	TNT
RDX	2-Nitrotoluene
Tetryl	PETN
EGDN	4-Nitrotoluene
DEGDN	3-Nitrotoluene

DIN 38407-21 Related Compounds

Examination of water, wastewater, and sludge for determination of selected explosives and related compounds by HPLC with UV detection

DIN38407-21-B	1 x 1 mL
10 µg/mL each in MeOH:AcCN (98:2)	8 comps.
1,3,5-Trinitrobenzene	
1,3-Dinitrobenzene	
4-Amino-2,6-dinitrotoluene	
2,2',4,4',6,6'-Hexanitrodiphenylamine	
2-Amino-4,6-dinitrotoluene	
2,6-Dinitrotoluene	
2,4-Dinitrotoluene	
Diphenylamine	

Gun Surveillance Standards

Inorganic ICP Standards for Gun Shot Residue

Starting Material Matrix	Unit	1000 µg/mL Cat. No.	10,000 µg/mL Cat. No.
Antimony	50 mL	-----	ICP-02N-10X-0.5
Sb Dilute HNO ₃ tr.	100 mL	ICP-02N-1	ICP-02N-10X-1
Tartaric acid	500 mL	ICP-02N-5	ICP-02N-10X-5
Barium	50 mL	-----	ICP-04N-10X-0.5
Ba(NO ₃) ₂	100 mL	ICP-04N-1	ICP-04N-10X-1
2-5% Nitric acid	500 mL	ICP-04N-5	ICP-04N-10X-5
Lead	50 mL	-----	ICP-29N-10X-0.5
Pb(NO ₃) ₂	100 mL	ICP-29N-1	ICP-29N-10X-1
2-5% Nitric acid	500 mL	ICP-29N-5	ICP-29N-10X-5

Gun Surveillance Standard

EXP-GSS

At stated conc. (µg/mL) in AcCN

1 x 1 mL
9 comps.

Dimethyl phthalate	200
2,4'-Dinitrodiphenylamine	50
2,4-Dinitrodiphenylamine	50
2-Nitrodiphenylamine	50
4-Nitrodiphenylamine	50
2,2'-Dinitrodiphenylamine	50
4,4'-Dinitrodiphenylamine	50
Diphenylamine	200
N-Nitrosodiphenylamine	75

Organic Compounds for Firearm Discharge Analysis

Compound	Conc.	Matrix	Cat. No.	1 mL
2,4-Dinitrotoluene	100 µg/mL	AcCN:MeOH	M-8330-02-0.1X	
C ₇ H ₆ N ₂ O ₄	1000 µg/mL	AcCN:MeOH	M-8330-02	
2,6-Dinitrotoluene	100 µg/mL	AcCN:MeOH	M-8330-03-0.1X	
C ₇ H ₆ N ₂ O ₄	1000 µg/mL	AcCN:MeOH	M-8330-03	
3,4-Dinitrotoluene	1000 µg/mL	AcCN:MeOH	M-8330-IS	
C ₇ H ₆ N ₂ O ₄				
Diphenylamine	100 µg/mL	DCM	APP-9-097	
C ₁₂ H ₁₁ N				
Ethylcentralite	100 µg/mL	AcCN:MeOH	M-8330-ADD-50	
C ₁₇ H ₂₀ N ₂ O				
Methylcentralite	100 µg/mL	AcCN:MeOH	M-8330-ADD-49	
C ₁₅ H ₁₆ N ₂ O				
2-Nitrodiphenylamine	100 µg/mL	AcCN:MeOH	M-8330-ADD-51	
C ₁₂ H ₁₀ N ₂ O ₂				
4-Nitrodiphenylamine	100 µg/mL	AcCN:MeOH	M-8330-ADD-52	
C ₁₂ H ₁₀ N ₂ O ₂				
1-Nitroglycerin ❖	100 µg/mL	AcCN:MeOH	M-8330-ADD-31	
C ₃ H ₅ N ₃ O ₉				
2-Nitroglycerin ❖	100 µg/mL	AcCN:MeOH	M-8330-ADD-32	
C ₃ H ₅ N ₃ O ₉				
N-Nitrosodiphenylamine	100 µg/mL	DCM	APP-9-150	
C ₁₂ H ₁₀ N ₂ O				
2-Nitrotoluene	1000 µg/mL	AcCN:MeOH	M-8330-07	
C ₇ H ₇ NO ₃				
3-Nitrotoluene	1000 µg/mL	AcCN:MeOH	M-8330-08	
C ₇ H ₇ NO ₃				
4-Nitrotoluene	1000 µg/mL	AcCN:MeOH	M-8330-09	
C ₇ H ₇ NO ₃				

Any compound without ❖ could contain possible isomers

Technical Note

We offer gunshot residue standards through our "AccuTrace" inorganic products. Custom solutions of Antimony, Barium and Lead are available for use with ICP instrumentation. Organic compounds identified in the discharge of a firearm are also available.

