



lipomed
SERVICES TO HEALTH

Analytical Reference Standards

2023/05



ALCOHOL & ETHANOL BIOMARKERS

The use of ethanol biomarkers such as Ethylglucuronide (EtG) and Ethylsulfate (EtS) has expanded greatly over the past few years. Both EtG and EtS are sensitive and specific biomarkers for alcohol consumption providing intermediate detection window between short and long term markers.

For EtG- and EtS-testing, LIPOMED provides native and deuterated reference standards supplied as calibrated solutions in methanol and in standard pack sizes of 10 mg, 50 mg and 100 mg.

For more information, please check our website
www.lipomed-shop.com.

Are you also looking for
Aqueous Ethanol Standards?

- » Currently available from LIPOMED: NIST-traceable Ethanol standards supplied in concentrations ranging from 10 mg/dL to 700 mg/dL.
- » Available in 1.2 mL ampoules
- » Supplied as calibrated standard solutions in water.

www.lipomed-shop.com

Acetone Ethanol Isopropanol Methanol	Alcohol Mixture 4		
	MIX-1808-0.1LH	0.1 mg/1 ml of each component	calibrated solution in water

Acetone Ethanol Isopropanol Methanol	Alcohol Mixture 4		
	MIX-1808-0.2LH	0.2 mg/1 ml of each component	calibrated solution in water

Acetone Ethanol Isopropanol Methanol	Alcohol Mixture 4		
	MIX-1808-0.3LH	0.3 mg/1 ml of each component	calibrated solution in water

Acetone Ethanol Isopropanol Methanol	Alcohol Mixture 4		
	MIX-1808-0.4LH	0.4 mg/1 ml of each component	calibrated solution in water

Acetone Ethanol Isopropanol Methanol	Alcohol Mixture 4		
	MIX-1808-0.5LH	0.5 mg/1 ml of each component	calibrated solution in water

Acetone Ethanol Isopropanol Methanol	Alcohol Mixture 4		
	MIX-1808-1LH	1.0 mg/1 ml of each component	calibrated solution in water

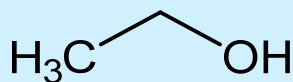
Acetone Ethanol Isopropanol Methanol	Alcohol Mixture 4		
	MIX-1808-2LH	2.0 mg/1 ml of each component	calibrated solution in water

Acetone Ethanol Isopropanol Methanol	Alcohol Mixture 4		
	MIX-1808-4LH	4.0 mg/1 ml of each component	calibrated solution in water

Acetone
Ethanol
Isopropanol
Methanol

Alcohol Mixture 4

MIX-1808-5LH	5.0 mg/1 ml of each component	calibrated solution in water
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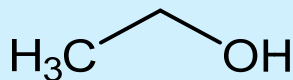


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$	M.W.: 46.07
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ETH-010-1ML	10 mg Ethanol/1 dl	calibrated solution in water
ETH-010-1ML-5AMP		1 pack of 5 ampoules
ETH-010-1ML-10AMP		1 pack of 10 ampoules
ETH-010-1ML-50AMP		1 pack of 50 ampoules

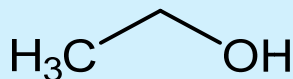


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$	M.W.: 46.07
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ETH-015-1ML	15 mg Ethanol/1 dl	calibrated solution in water
ETH-015-1ML-5AMP		1 pack of 5 ampoules
ETH-015-1ML-10AMP		1 pack of 10 ampoules
ETH-015-1ML-50AMP		1 pack of 50 ampoules

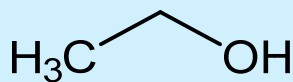


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$	M.W.: 46.07
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ETH-020-1ML	20 mg Ethanol/1 dl	calibrated solution in water
ETH-020-1ML-5AMP		1 pack of 5 ampoules
ETH-020-1ML-10AMP		1 pack of 10 ampoules
ETH-020-1ML-50AMP		1 pack of 50 ampoules

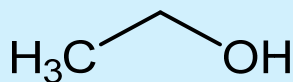


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$ M.W.: 46.07

ETH-025-1ML	25 mg Ethanol/1 dl	calibrated solution in water
ETH-025-1ML-5AMP		1 pack of 5 ampoules
ETH-025-1ML-10AMP		1 pack of 10 ampoules
ETH-025-1ML-50AMP		1 pack of 50 ampoules

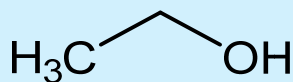


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$ M.W.: 46.07

ETH-040-1ML	40 mg Ethanol/1 dl	calibrated solution in water
ETH-040-1ML-5AMP		1 pack of 5 ampoules
ETH-040-1ML-10AMP		1 pack of 10 ampoules
ETH-040-1ML-50AMP		1 pack of 50 ampoules

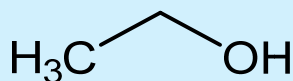


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$ M.W.: 46.07

ETH-050-1ML	50 mg Ethanol/1 dl	calibrated solution in water
ETH-050-1ML-5AMP		1 pack of 5 ampoules
ETH-050-1ML-10AMP		1 pack of 10 ampoules
ETH-050-1ML-50AMP		1 pack of 50 ampoules

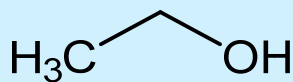


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$ M.W.: 46.07

ETH-070-1ML	70 mg Ethanol/1 dl	calibrated solution in water
ETH-070-1ML-5AMP		1 pack of 5 ampoules
ETH-070-1ML-10AMP		1 pack of 10 ampoules
ETH-070-1ML-50AMP		1 pack of 50 ampoules

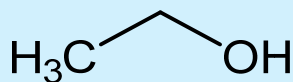


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$ M.W.: 46.07

ETH-080-1ML	80 mg Ethanol/1 dl	calibrated solution in water
ETH-080-1ML-5AMP		1 pack of 5 ampoules
ETH-080-1ML-10AMP		1 pack of 10 ampoules
ETH-080-1ML-50AMP		1 pack of 50 ampoules

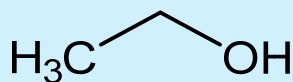


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$ M.W.: 46.07

ETH-090-1ML	90 mg Ethanol/1 dl	calibrated solution in water
ETH-090-1ML-5AMP		1 pack of 5 ampoules
ETH-090-1ML-10AMP		1 pack of 10 ampoules
ETH-090-1ML-50AMP		1 pack of 50 ampoules

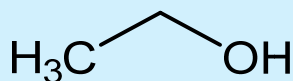


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$ M.W.: 46.07

ETH-100-1ML	100 mg Ethanol/1 dl	calibrated solution in water
ETH-100-1ML-5AMP		1 pack of 5 ampoules
ETH-100-1ML-10AMP		1 pack of 10 ampoules
ETH-100-1ML-50AMP		1 pack of 50 ampoules

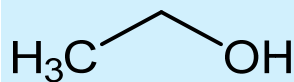


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$ M.W.: 46.07

ETH-125-1ML	125 mg Ethanol/1 dl	calibrated solution in water
ETH-125-1ML-5AMP		1 pack of 5 ampoules
ETH-125-1ML-10AMP		1 pack of 10 ampoules
ETH-125-1ML-50AMP		1 pack of 50 ampoules

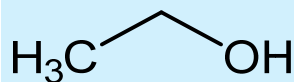


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$ M.W.: 46.07

ETH-150-1ML	150 mg Ethanol/1 dl	calibrated solution in water
ETH-150-1ML-5AMP		1 pack of 5 ampoules
ETH-150-1ML-10AMP		1 pack of 10 ampoules
ETH-150-1ML-50AMP		1 pack of 50 ampoules

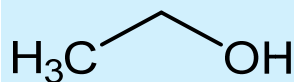


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$ M.W.: 46.07

ETH-160-1ML	160 mg Ethanol/1 dl	calibrated solution in water
ETH-160-1ML-5AMP		1 pack of 5 ampoules
ETH-160-1ML-10AMP		1 pack of 10 ampoules
ETH-160-1ML-50AMP		1 pack of 50 ampoules

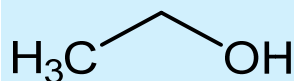


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$ M.W.: 46.07

ETH-170-1ML	170 mg Ethanol/1 dl	calibrated solution in water
ETH-170-1ML-5AMP		1 pack of 5 ampoules
ETH-170-1ML-10AMP		1 pack of 10 ampoules
ETH-170-1ML-50AMP		1 pack of 50 ampoules

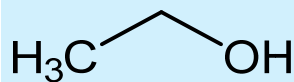


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$ M.W.: 46.07

ETH-200-1ML	200 mg Ethanol/1 dl	calibrated solution in water
ETH-200-1ML-5AMP		1 pack of 5 ampoules
ETH-200-1ML-10AMP		1 pack of 10 ampoules
ETH-200-1ML-50AMP		1 pack of 50 ampoules

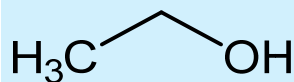


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$ M.W.: 46.07

ETH-250-1ML	250 mg Ethanol/1 dl	calibrated solution in water
ETH-250-1ML-5AMP		1 pack of 5 ampoules
ETH-250-1ML-10AMP		1 pack of 10 ampoules
ETH-250-1ML-50AMP		1 pack of 50 ampoules

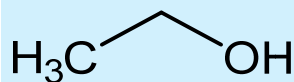


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$ M.W.: 46.07

ETH-300-1ML	300 mg Ethanol/1 dl	calibrated solution in water
ETH-300-1ML-5AMP		1 pack of 5 ampoules
ETH-300-1ML-10AMP		1 pack of 10 ampoules
ETH-300-1ML-50AMP		1 pack of 50 ampoules

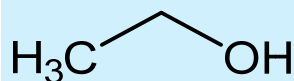


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$ M.W.: 46.07

ETH-400-1ML	400 mg Ethanol/1 dl	calibrated solution in water
ETH-400-1ML-5AMP		1 pack of 5 ampoules
ETH-400-1ML-10AMP		1 pack of 10 ampoules
ETH-400-1ML-50AMP		1 pack of 50 ampoules

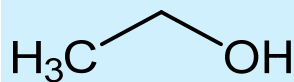


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

$\text{C}_2\text{H}_6\text{O}$ M.W.: 46.07

ETH-500-1ML	500 mg Ethanol/1 dl	calibrated solution in water
ETH-500-1ML-5AMP		1 pack of 5 ampoules
ETH-500-1ML-10AMP		1 pack of 10 ampoules
ETH-500-1ML-50AMP		1 pack of 50 ampoules

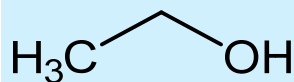


Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

C₂H₆O M.W.: 46.07

ETH-600-1ML	600 mg Ethanol/1 dl	calibrated solution in water
ETH-600-1ML-5AMP		1 pack of 5 ampoules
ETH-600-1ML-10AMP		1 pack of 10 ampoules
ETH-600-1ML-50AMP		1 pack of 50 ampoules



Aqueous Ethanol Standard Solutions (1.2 ml Ampoules)

Packs of 5, 10, 50 ampoules

C₂H₆O M.W.: 46.07

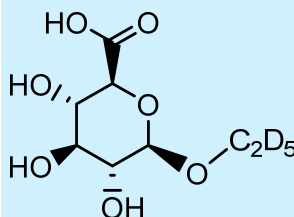
ETH-700-1ML	700 mg Ethanol/1 dl	calibrated solution in water
ETH-700-1ML-5AMP		1 pack of 5 ampoules
ETH-700-1ML-10AMP		1 pack of 10 ampoules
ETH-700-1ML-50AMP		1 pack of 50 ampoules



Ethyl-β-D-glucuronide (shipment under ice for solution)

C₈H₁₄O₇ M.W.: 222.19

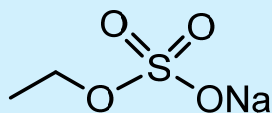
EGL-332-1LM	1.0 mg/1 ml	calibrated solution in methanol
EGL-332-10	10 mg	powder
EGL-332-50	50 mg	powder
EGL-332-100	100 mg	powder



Ethyl-β-D-glucuronide-D₅ (shipment under ice for solutions)

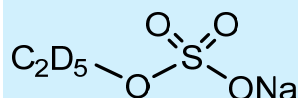
C₈H₉D₅O₇ M.W.: 227.22

EGL-780-0.1LM	0.1 mg/1 ml	calibrated solution in methanol
EGL-780-1LM	1.0 mg/1 ml	calibrated solution in methanol
EGL-780-1LM-5	5 mg/5 ml	calibrated solution in methanol
EGL-780-10	10 mg	powder
EGL-780-50	50 mg	powder
EGL-780-100	100 mg	powder



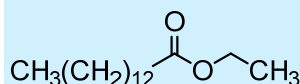
Ethylsulfate.sodium salt

$C_2H_5NaO_4S$	M.W.: 148.11	
ETS-972-NA-1LM	1.0 mg Na salt/1 ml	calibrated solution in methanol
ETS-972-NA-10	10 mg	powder
ETS-972-NA-50	50 mg	powder
ETS-972-NA-100	100 mg	powder



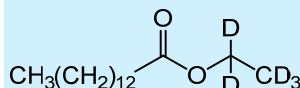
Ethylsulfate-D₅.sodium salt

$C_2D_5NaO_4S$	M.W.: 153.14	
ETS-979-NA-0.1LM	0.1 mg Na salt/1 ml	calibrated solution in methanol
ETS-979-NA-1LM	1.0 mg Na salt/1 ml	calibrated solution in methanol
ETS-979-NA-1LM-5	5 mg Na salt/5 ml	calibrated solution in methanol
ETS-979-NA-10	10 mg	powder
ETS-979-NA-50	50 mg	powder
ETS-979-NA-100	100 mg	powder



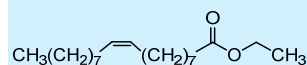
Ethyl Myristate

Synonym(s): Ethyl tetradecanoate		
$C_{16}H_{32}O_2$	M.W.: 256.42	
FAE-1453-1LA	1.0 mg/1 ml	calibrated solution in acetonitrile



Ethyl Myristate-D₅

Synonym(s): Ethyl tetradecanoate-D ₅		
$C_{16}H_{27}D_5O_2$	M.W.: 261.45	
FAE-1697-1LA	1.0 mg/1 ml	calibrated solution in acetonitrile
FAE-1697-10	10 mg	colorless liquid
FAE-1697-50	50 mg	colorless liquid
FAE-1697-100	100 mg	colorless liquid



Ethyl Oleate

Synonym(s): Ethyl (cis)-octadec-9-enoate

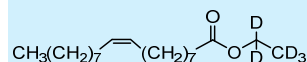
$\text{C}_{20}\text{H}_{38}\text{O}_2$

M.W.: 310.52

FAE-1452-1LA

1.0 mg/1 ml

calibrated solution in acetonitrile



Ethyl Oleate-D₅

Synonym(s): Ethyl (cis)-octadec-9-enoate-D₅

$\text{C}_{16}\text{H}_{33}\text{D}_5\text{O}_2$

M.W.: 315.55

FAE-1696-1LA

1.0 mg/1 ml

calibrated solution in acetonitrile

FAE-1696-10

10 mg

colorless liquid

FAE-1696-50

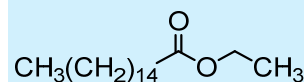
50 mg

colorless liquid

FAE-1696-100

100 mg

colorless liquid



Ethyl Palmitate

Synonym(s): Ethyl hexadecanoate

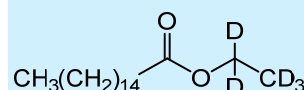
$\text{C}_{18}\text{H}_{36}\text{O}_2$

M.W.: 284.48

FAE-1451-1LA

1.0 mg/1 ml

calibrated solution in acetonitrile



Ethyl Palmitate-D₅

Synonym(s): Ethyl hexadecanoate-D₅

$\text{C}_{18}\text{H}_{31}\text{D}_5\text{O}_2$

M.W.: 289.51

FAE-1695-1LA

1.0 mg/1 ml

calibrated solution in acetonitrile

FAE-1695-10

10 mg

colorless liquid

FAE-1695-50

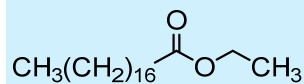
50 mg

colorless liquid

FAE-1695-100

100 mg

colorless liquid

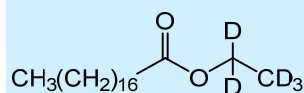


Ethyl Stearate

Synonym(s): Ethyl octadecanoate

$\text{C}_{20}\text{H}_{40}\text{O}_2$ M.W.: 312.53

FAE-1454-1LA 1.0 mg/1 ml calibrated solution in acetonitrile



Ethyl Stearate-D₅

Synonym(s): Ethyl octadecanoate-D₅

$\text{C}_{20}\text{H}_{35}\text{D}_5\text{O}_2$ M.W.: 317.56

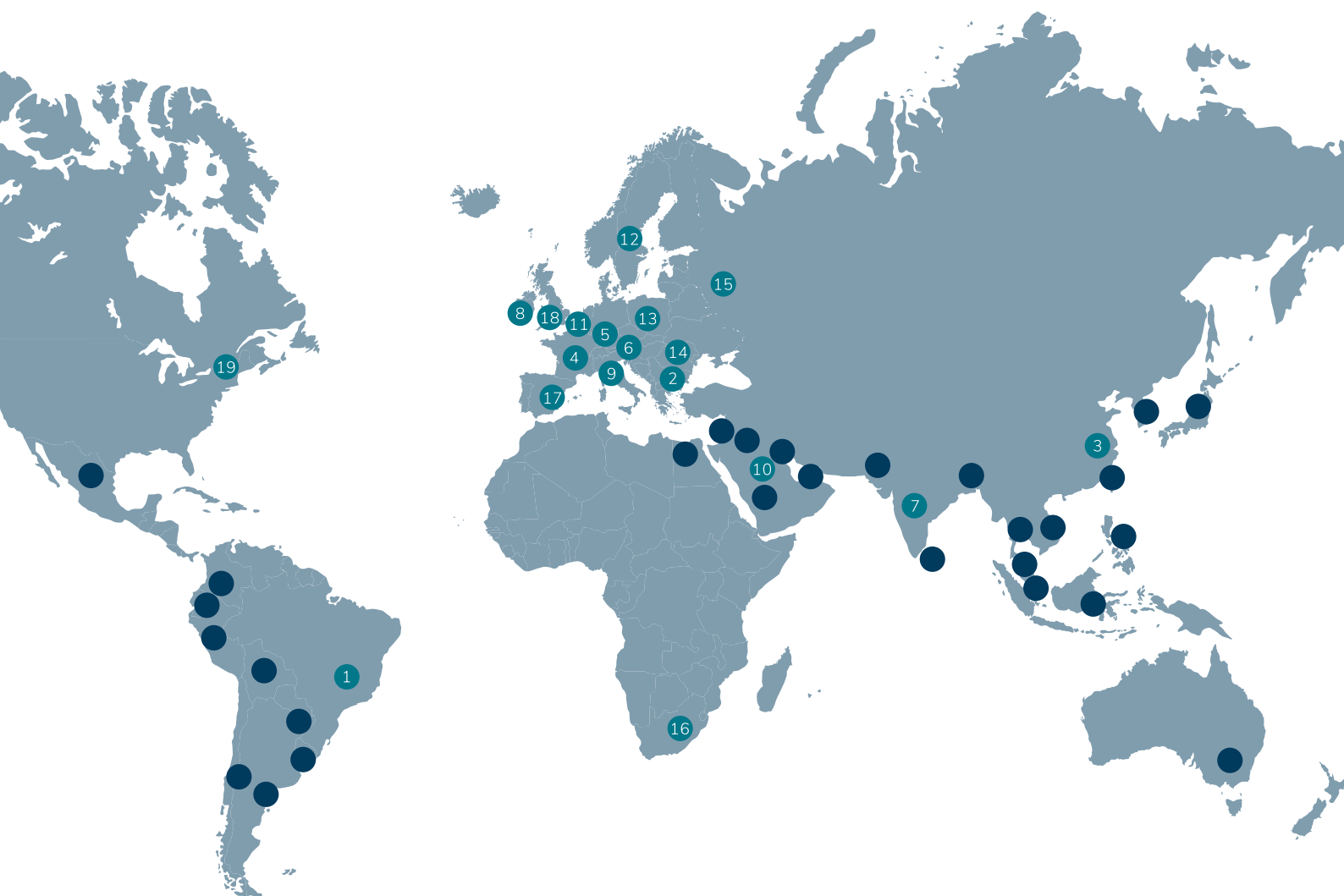
FAE-1698-1LA 1.0 mg/1 ml calibrated solution in acetonitrile

FAE-1698-10 10 mg powder

FAE-1698-50 50 mg powder

FAE-1698-100 100 mg powder

LGC worldwide



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E bz@lgcstandards.com

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E bg@lgcgroup.com

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E info.china@lgcgroup.com

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E fr@lgcstandards.com

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