

Certified Reference Material - Massachusetts EPH in Soil - This is a State Specific Product designed for use for the State of Massachusetts. It is not designed to use for other purposes.

Art. ID	ERA-569
Unit	each
Deliverydetails	No Dangerous Good /not restricted

Description

This is a State Specific Product designed for use for the State of Massachusetts. It is not designed to use for other purposes. One flame-sealed ampule with 20 g soil with EPH fuels. Contains extractable petroleum hydrocarbon fuels (EPH). Use with the Massachusetts Extractable Petroleum Hydrocarbon method for multiple carbon ranges and PAH compounds. The certified values vary from batch to batch. Please ask for the certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Diesel Range Organics (DRO)		1710 ± 8,96	mg/kg		
	C9-C18 Aliphatics (MA EPH)		1060	mg/kg		
	C19-C36 Aliphatics (MA EPH)		86,2	mg/kg		
	C11-C22 Aromatics Unadjusted (MA EPH)		241	mg/kg		
Acenaphthene in EPH	Acenaphthene	[83-32-9]	2,26	mg/kg		
Acenaphthylene in EPH	Acenaphthylene	[208-96-8]	< 1	mg/kg		
Anthracene in EPH	Anthracene	[120-12-7]	< 1	mg/kg		
Benzo(a)anthracene in EPH	Benzo(a)anthracene	[56-55-3]	< 1	mg/kg		
Benzo(a)pyrene in EPH	Benzo(a)pyrene	[50-32-8]	< 1	mg/kg		
Benzo(b)fluoranthene in EPH	Benzo(b)fluoranthene	[205-99-2]	< 1	mg/kg		
Benzo(k)fluoranthene in EPH	Benzo(k)fluoranthene	[207-08-9]	< 1	mg/kg		
Benzo(g,h,i)perylene in EPH	Benzo(g,h,i)perylene	[191-24-2]	< 1	mg/kg		
Chrysene in EPH	Chrysene	[218-01-9]	< 1	mg/kg		
Dibenz(a,h)anthracene in EPH	Dibenz(a,h)anthracene	[53-70-3]	< 1	mg/kg		
Fluoranthene in EPH	Fluoranthene	[206-44-0]	< 1	mg/kg		
Fluorene in EPH	Fluorene	[86-73-7]	1,37	mg/kg		
Indeno(1,2,3-cd)pyrene	Indeno(1,2,3-cd)pyrene	[193-39-5]	< 1	mg/kg		

in EPH

2-Methylnaphthalene in EPH	2-Methylnaphthalene	[91-57-6]	4,55	mg/kg
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EPH

Naphthalene in EPH	Naphthalene	[91-20-3]	2,02	mg/kg
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Phenanthrene in EPH	Phenanthrene	[85-01-8]	< 1	mg/kg
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Pyrene in EPH	Pyrene	[129-00-0]	< 1	mg/kg
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	C11-C22 Aromatics (MA E PH)		221	mg/kg
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