

Weathered Gulf of Mexico Crude Oil in Toluene

Art. ID	NIST-2777
Unit	5 ampoules x 1,2mL
Deliverydetails	ADR Excepted Quantity (EQ) / AIR Excepted Quantity (EQ) UN1294 II E2

Description

This Standard Reference Material (SRM) 2777 is a naturally weathered Gulf of Mexico crude oil that is diluted in toluene. NIST-2777 is intended for use in evaluating analytical methods for the determination of polycyclic aromatic hydrocarbons (PAHs) in weathered crude oil matrices. All the constituents for which certified and reference values are provided are naturally present in the weathered oil. A unit of NIST-2777 consists of five ampoules, each containing approximately 1,2 mL of crude oil solution. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certifies Mass Fraction for PAHs	Phenanthrene	[85-01-8]	0,585 ± 0,091	mg/kg		
Certifies Mass Fraction for PAHs	1-Methylphenanthrene	[832-69-9]	2,43 ± 0,29	mg/kg		
Certifies Mass Fraction for PAHs	2-Methylphenanthrene	[2531-84-2]	1,63 ± 0,18	mg/kg		
Certifies Mass Fraction for PAHs	3-Methylphenanthrene	[832-71-3]	3,15 ± 0,29	mg/kg		
Certifies Mass Fraction for PAHs	9-Methylphenanthrene	[883-20-5]	4,18 ± 0,51	mg/kg		
Certifies Mass Fraction for PAHs	Benzo(g,h,i)perylene	[191-24-2]	0,106 ± 0,015	mg/kg		
Reference Mass Fraction for Additional PAHs a nd 17alpha(H),21beta(H) -Hopane	Dibenzothiophene	[132-65-0]	0,379 ± 0,025	mg/kg		
Reference Mass Fraction for Additional PAHs a nd 17alpha(H),21beta(H) -Hopane	Pyrene	[129-00-0]	0,443 ± 0,073	mg/kg		
Reference Mass Fraction for Additional PAHs a nd 17alpha(H),21beta(H) -Hopane	1-Methylpyrene	[2381-21-7]	0,190 ± 0,032	mg/kg		
Reference Mass Fraction for Additional PAHs a nd 17alpha(H),21beta(H)	4-Methylpyrene	[3353-12-6]	0,73 ± 0,13	mg/kg		

-Hopane				
Reference Mass Fraction	Chrysene	[218-01-9]	1,92 ± 0,19	mg/kg
for Additional PAHs a				
nd 17alpha(H),21beta(H)				
-Hopane				
Reference Mass Fraction	Triphenylene	[217-59-4]	3,37 ± 0,33	mg/kg
for Additional PAHs a				
nd 17alpha(H),21beta(H)				
-Hopane				
Reference Mass Fraction	Benzo(b)fluoranthene	[205-99-2]	0,504 ± 0,088	mg/kg
for Additional PAHs a				
nd 17alpha(H),21beta(H)				
-Hopane				
Reference Mass Fraction	Picene	[213-46-7]	0,167 ± 0,023	mg/kg
for Additional PAHs a				
nd 17alpha(H),21beta(H)				
-Hopane				
Reference Mass Fraction	17alpha(H),21beta(H)-Ho	[13849-96-2]	7,9 ± 1,1	mg/kg
for Additional PAHs a				
nd 17alpha(H),21beta(H)				
-Hopane				