

## **Gulf of Mexico Crude Oil - PAHs, Hopanes and Steranes**

Art. ID	NIST-2779
Unit	5 ampoules x 1,2mL
Deliverydetails	No Dangerous Good /not restricted

### Description

This Standard Reference Material (SRM®) 2779 is intended for use in evaluating analytical methods for the determination of selected polycyclic aromatic hydrocarbons (PAHs), hopanes, and steranes in a crude oil matrix. All of the constituents for which certified, reference, and information values are provided are naturally present in the oil. A unit of NIST-2779 consists of five ampoules each containing 1.2 mL of crude oil. Certified values /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Naphthalene	[91-20-3]	855 ± 46	mg/kg		
	1-Methylnaphthalene	[90-12-0]	1140 ± 20	mg/kg		
	2-Methylnaphthalene	[91-57-6]	1630 ± 50	mg/kg		
	Dibenzothiophene	[132-65-0]	51,8 ± 2,1	mg/kg		
	Phenanthrene	[85-01-8]	258 ± 27	mg/kg		
	Anthracene	[120-12-7]	3,42 ± 0,59	mg/kg		
	1-Methylphenanthrene	[832-69-9]	169 ± 10	mg/kg		
	2-Methylphenanthrene	[2531-84-2]	230 ± 14	mg/kg		
	3-Methylphenanthrene	[832-71-3]	206 ± 32	mg/kg		
	9-Methylphenanthrene	[883-20-5]	232 ± 19	mg/kg		
	Fluoranthene	[206-44-0]	4,36 ± 0,40	mg/kg		
	Pyrene	[129-00-0]	14,81 ± 0,39	mg/kg		
	Benzo(a)anthracene	[56-55-3]	7,03 ± 0,85	mg/kg		
	Chrysene/Triphenylene	[n/a]	47,4 ± 1,7	mg/kg		
	Benzo(b)fluoranthene	[205-99-2]	5,62 ± 0,34	mg/kg		
	Benzo(e)pyrene	[192-97-2]	10,78 ± 0,60	mg/kg		
	Benzo(g,h,i)perylene	[191-24-2]	2,11 ± 0,26	mg/kg		
	Dibenz(a,c)anthracene	[215-58-7]	2,03 ± 0,10	mg/kg		
	Dibenz(a,h)anthracene	[53-70-3]	0,574 ± 0,091	mg/kg		
	Benzo(b)chrysene	[214-17-5]	0,629 ± 0,022	mg/kg		