

Hopanes and steranes in 2,2,4-trimethylpentane

Art. ID	NIST-2266
Unit	5 x 1,2 mL
Deliverydetails	ADR Excepted Quantity (EQ) / AIR Excepted Quantity (EQ) UN1262 II E2

Description

This Standard Reference Material (SRM®) is a solution of five hopanes and five steranes in 2,2,4-trimethylpentane (isooctane). This SRM is intended primarily for use in the calibration of chromatographic instrumentation used for the determination of hopanes and steranes. A unit of NIST-2266 consists of five 2 mL ampoules, each containing approximately 1.2 mL of solution. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	17alpha(H)-22,29,30-tris norhopane	[53584-59-1]	4,55 ± 0,23	µg/g		
	17alpha(H),21beta(H)-30 -norhopane	[53584-60-4]	1,31 ± 0,04	µg/g		
	17alpha(H),21beta(H)-ho pane	[13849-96-2]	1,70 ± 0,12	µg/g		
	alpha,alpha,alpha-20R-c holestane	[481-21-0]	33,1 ± 1,0	µg/g		
	alpha,beta,beta-20R-cho lestane	[69483-47-2]	10,61 ± 0,24	µg/g		
	alpha,beta,beta-20R 24S- methylcholestane	[71117-90-3]	2,32 ± 0,10	µg/g		
	alpha,alpha,alpha-20R 2 4R-ethylcholestane	[62446-14-4]	8,58 ± 0,32	µg/g		
	17alpha(H)-22,29,30-tris norhopane	[53584-59-1]	3,14 ± 0,16	µg/mL		
	17alpha(H),21beta(H)-30 -norhopane	[53584-60-4]	0,90 ± 0,02	µg/mL		
	17alpha(H),21beta(H)-ho pane	[13849-96-2]	1,17 ± 0,08	µg/mL		
	alpha,alpha,alpha-20R-c holestane	[481-21-0]	22,8 ± 0,7	µg/mL		
	alpha,beta,beta-20R-cho lestane	[69483-47-2]	7,32 ± 0,17	µg/mL		
	alpha,beta,beta-20R 24S- methylcholestane	[71117-90-3]	1,60 ± 0,07	µg/mL		
	alpha,alpha,alpha-20R 2	[62446-14-4]	5,92 ± 0,22	µg/mL		

4R-ethylcholestane