

Out of Stock - Item is not available at this time - B100 Biodiesel (Soy-based)

Art. ID	NIST-2772
Unit	5 ampoules x 10 mL each
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is a commercial 100 % biodiesel produced from soy. NIST-2772 is intended for use in evaluating analytical methods for the determination of selected chemical and physical properties in pure biodiesel (B100). A unit of NIST-2772 consists of five 10-mL ampoules, each containing approximately 10 mL of biodiesel. Certified values /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Tetradecanoic Acid, Methyl Ester (Myristic Acid, Methyl Ester) (C14:0)	[124-10-7]	0,755 ± 0,089	g/kg		
	Hexadecanoic acid, methyl ester (Palmitic acid, methyl ester) (C16:0)	[112-39-0]	107 ± 2	g/kg		
	(Z)-9-Hexadecenoic acid, methyl ester (Palmitoleic acid, methyl ester) (C16:1 n-7)	[1120-25-8]	1,32 ± 0,18	g/kg		
	Octadecanoic acid, methyl ester (Stearic acid, methyl ester) (C18:0)	[112-61-8]	43,0 ± 2,7	g/kg		
	(Z)-9-Octadecenoic acid, methyl ester (Oleic acid, methyl ester) (C18:1 n-9)	[112-62-9]	233 ± 6	g/kg		
	(Z)-11-Octadecenoic acid, methyl ester (Vaccenic acid, methyl ester) (C18:1 n-7)	[1937-63-9]	14,3 ± 1,5	g/kg		
	(Z,Z)-9,12-Octadecadienoic acid, methyl ester (Linoleic acid, methyl ester) (C18:2 n-6)	[112-63-0]	523 ± 17	g/kg		
	(Z,Z,Z)-9,12,15-Octadecatrienoic, methyl ester	[301-00-8]	78,2 ± 2	g/kg		

(Linolenic acid, methyl ester) (C18:3 n-3)			
Eicosanoic acid, methyl ester (Arachidic acid, methyl ester) (C20:0)	[1120-28-1]	3,66 ± 0,52	g/kg
Water	[7732-18-5]	0,018 ± 0,002	g/kg
Density		0,88132 ± 0,00006	g/cm ³
Kinematic Viscosity at 20°C		6,4310 ± 0,0098	mm ² /s
Kinematic Viscosity at 30 °C		5,0532 ± 0,0069	mm ² /s
Kinematic Viscosity at 40 °C		4,0843 ± 0,0057	mm ² /s