

## Wild-caught Shrimp

Art. ID	NIST-8258
Unit	2 jars, 6 g to 8 g
Deliverydetails	Dry ice shipment /not restricted

### Description

This Reference Material (RM) is a fresh frozen shrimp homogenate prepared from wild-caught shrimp collected off the coast of South Carolina, USA. NIST-8258 is intended to support investigations of seafood safety and seafood authenticity using genetics, crude fat, fatty acids and total protein. All constituents for which non-certified values are provided are naturally present in the homogenate. A unit of NIST-8258 includes two glass jars, each containing approximately 6 g to 8 g (wet basis) of frozen tissue homogenate. /// Sample value(s) - please ask for current report of investigation.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Non-Certified Value	Palmitic Acid	[57-10-3]	0,074 ± 0,007	g/100 g		
Non-Certified Value	Palmitoleic acid	[373-49-9]	0,028 ± 0,002	g/100 g		
Non-Certified Value	Stearic Acid	[57-11-4]	0,063 ± 0,004	g/100 g		
Non-Certified Value	OLEIC ACID	[112-80-1]	0,041 ± 0,011	g/100 g		
Non-Certified Value	Arachidonic Acid	[506-32-1]	0,039 ± 0,002	g/100 g		
Non-Certified Value	omega-3 (Z,Z,Z,Z,Z)-5,8 ,11,14,17-Eicosapentaen oic acid (EPA) (C20:5 n -3)	[10417-94-4]	0,083 ± 0,004	g/100 g		
Non-Certified Value	omega-3 (Z,Z,Z,Z,Z,Z)-4 ,7,10,13,16,19-Docosae xaenoic acid (DHA) (C22 :6 n-3)	[6217-54-5]	0,063 ± 0,005	g/100 g		
Non-Certified Value	Monounsaturated Fat		0,069 ± 0,012	g/100 g		
Non-Certified Value	Omega-3 Fatty Acids		0,146 ± 0,009	g/100 g		
Non-Certified Value	omega-6 fatty acids		0,039 ± 0,002	g/100 g		
Non-Certified Value	Polyunsaturated Fat		0,185 ± 0,011	g/100 g		
Non-Certified Value	Saturated Fat		0,137 ± 0,010	g/100 g		
Non-Certified Value	Total fat		0,390 ± 0,030	g/100 g		
Non-Certified Value	Crude Fat	[n/a]	0,721 ± 0,050	%		
Non-Certified Value	Total Protein		21,63 ± 0,14	%		