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## TECHNICAL INFORMATION

Catalog Number: 902140, 902141

### Lard

**Use:** Commonly used in the preparation of research animal test diets.

**Source:** *Porcine*

**Physical Description:** White to cream colored oily semi-solid to solid

#### Typical Characteristics:

Insoluble impurities	0.05%
Saturated Fat	35.9%
Unsaturated Fat	64.1%
Sodium Soap Content	Not detected
Iron (Fe)	1.5 mg/kg
Copper (Cu)	0.4 mg/kg
Acid Value	1.3 mg KOH/g fat = ffa max 0.65%
Peroxide Value	up to 10 milliequivalents active oxygen/kg fat
Relative Density	0.896-0.904 g/ml
Saponification Value (mg KOH/g fat)	190-203
Unsaponifiables	32-43%
Iodine Value (Wijs)	53-77
Protein	0%
Tocopherol (non-stripped)	1.5 mg/100 g
Tocopherol (stripped)	< 0.125 mg/100 g

#### Typical Fatty Acid Composition:

Fatty Acid	Approximate Percentage	Fatty Acid	Approximate Percentage
Butyric acid C4:0	Not detected	Stearic acid C18:0	5-22%
Caproic acid C6:0	Not detected	Oleic acid C18:1	41-51%
Caprylic acid C8:0	Not detected	Linoleic acid C18:2	2-19%
Capric acid C10:0	< 0.5%	C18:3	< 1.5%
Lauric acid C12:0	Not detected	Nonadecanoic acid C19:0	Not detected
Myristic acid C14:0	1.0-4%	Arachidic acid C20:0	0.3-1%
Myristoleic acid C14:1	< 0.1%	Gadoleic acid C20:1	< 1.5%
Pentadecanoic acid C15:0	< 0.2%	Eicosadienoic acid C20:2	< 1.0%
Palmitic acid C16:0	20-30%	Eicosatetraenoic acid C20:4	< 1.0%
Palmitoleic acid C16:1	1.0-4.0%	Behenic acid C22:0	< 0.1%
C16:2	< 0.1%	Erucic acid C22:1	< 0.5%

Heptadecanoic acid C17:0	< 1%	Lignoceric acid C24:0	Not detected
C17:1	< 1%		

**Availability:**

Catalog Number	Description	Size
902140	Lard	5 lb 25 lb
902141	Lard, Tocopherol stripped	400 g