

**Typical Composition of Lard Used by Research Diets, Inc.**

**Lots packaged: 9/20/11 - 4/27/12**

|                         | <b>Lard (19716)</b>        | <b>Lard (19737)</b>     | <b>Lard (20249)</b>     | <b>Lard (20384)</b>     | <b>Lard (20659)</b>     | <b>Lard (20709)</b>     |
|-------------------------|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                         | <b>Packaged 9/20-21/11</b> | <b>Packaged 9/29/11</b> | <b>Packaged 1/18/12</b> | <b>Packaged 2/16/12</b> | <b>Packaged 4/17/12</b> | <b>Packaged 4/27/12</b> |
| <b>Ingredient</b>       |                            |                         |                         |                         |                         |                         |
| Lard                    |                            |                         |                         |                         |                         |                         |
| Total                   | 100                        | 100                     | 100                     | 100                     | 100                     | 100                     |
| C2, Acetic              | 0.0                        | 0.0                     | 0.0                     | 0.0                     | 0.0                     | 0.0                     |
| C4, Butyric             | 0.0                        | 0.0                     | 0.0                     | 0.0                     | 0.0                     | 0.0                     |
| C6, Caproic             | 0.0                        | 0.0                     | 0.0                     | 0.0                     | 0.0                     | 0.0                     |
| C8, Caprylic            | 0.0                        | 0.0                     | 0.0                     | 0.0                     | 0.0                     | 0.0                     |
| C10, Capric             | 0.1                        | 0.1                     | 0.1                     | 0.1                     | 0.1                     | 0.1                     |
| C12, Lauric             | 0.1                        | 0.1                     | 0.1                     | 0.1                     | 0.1                     | 0.1                     |
| C14, Myristic           | 1.1                        | 1.2                     | 1.1                     | 1.1                     | 1.1                     | 1.1                     |
| C14:1, Myristoleic      | 0.0                        | 0.0                     | 0.0                     | 0.0                     | 0.0                     | 0.0                     |
| C15                     | 0.1                        | 0.1                     | 0.1                     | 0.1                     | 0.1                     | 0.1                     |
| C15:1                   | 0.0                        | 0.0                     | 0.0                     | 0.0                     | 0.0                     | 0.0                     |
| C16, Palmitic           | 19.3                       | 19.3                    | 19.4                    | 20.1                    | 19.0                    | 19.5                    |
| C16:1, Palmitoleic      | 1.4                        | 1.3                     | 1.4                     | 1.3                     | 1.4                     | 1.4                     |
| C17                     | 0.4                        | 0.4                     | 0.3                     | 0.3                     | 0.3                     | 0.3                     |
| C18, Stearic            | 10.6                       | 10.6                    | 10.7                    | 11.6                    | 9.7                     | 10.8                    |
| C18:1, Oleic            | 32.9                       | 32.6                    | 34.1                    | 32.3                    | 35.3                    | 34.4                    |
| C18:2, Linoleic         | 24.4                       | 24.0                    | 23.6                    | 22.5                    | 22.3                    | 22.5                    |
| C18:3, Linolenic        | 1.3                        | 1.3                     | 1.3                     | 1.1                     | 1.2                     | 1.3                     |
| C18:4, Stearidonic      | 0.0                        | 0.0                     | 0.0                     | 0.0                     | 0.0                     | 0.0                     |
| C20, Arachidic          | 0.2                        | 0.2                     | 0.2                     | 0.2                     | 0.2                     | 0.2                     |
| C20:1,                  | 0.6                        | 0.6                     | 0.6                     | 0.6                     | 0.7                     | 0.6                     |
| C20:2                   | 0.8                        | 0.8                     | 0.8                     | 0.8                     | 0.8                     | 0.8                     |
| C20:3                   | 0.1                        | 0.1                     | 0.1                     | 0.1                     | 0.1                     | 0.1                     |
| C20:4, Arachidonic      | 0.3                        | 0.3                     | 0.3                     | 0.3                     | 0.3                     | 0.3                     |
| C20:5, Eicosapentaenoic | 0.0                        | 0.0                     | 0.0                     | 0.0                     | 0.0                     | 0.0                     |
| C21:5                   | 0.0                        | 0.0                     | 0.0                     | 0.0                     | 0.0                     | 0.0                     |
| C22, Behenic            | 0.0                        | 0.0                     | 0.0                     | 0.0                     | 0.0                     | 0.0                     |
| C22:1, Erucic           | 0.0                        | 0.0                     | 0.0                     | 0.0                     | 0.0                     | 0.0                     |
| C22:4, Clupanodonic     | 0.0                        | 0.0                     | 0.0                     | 0.0                     | 0.0                     | 0.0                     |
| C22:5, Docosapentaenoic | 0.1                        | 0.1                     | 0.1                     | 0.1                     | 0.1                     | 0.1                     |
| C22:6, Docosahexaenoic  | 0.0                        | 0.0                     | 0.0                     | 0.0                     | 0.0                     | 0.0                     |
| C24, Lignoceric         | 0.0                        | 0.0                     | 0.0                     | 0.0                     | 0.0                     | 0.0                     |
| C24:1                   | 0.0                        | 0.0                     | 0.0                     | 0.0                     | 0.0                     | 0.0                     |
| Total                   | 93.7                       | 92.9                    | 94.2                    | 92.7                    | 92.8                    | 93.7                    |
| Saturated (g)           | 31.8                       | 31.8                    | 32.0                    | 33.6                    | 30.6                    | 32.2                    |
| Monounsaturated (g)     | 34.9                       | 34.5                    | 36.1                    | 34.2                    | 37.4                    | 36.5                    |
| Polyunsaturated (g)     | 27.0                       | 26.5                    | 26.2                    | 24.8                    | 24.8                    | 25.1                    |
| Saturated (%)           | 33.9                       | 34.3                    | 33.9                    | 36.3                    | 33.0                    | 34.3                    |
| Monounsaturated (%)     | 37.2                       | 37.1                    | 38.3                    | 36.9                    | 40.3                    | 38.9                    |
| Polyunsaturated (%)     | 28.8                       | 28.6                    | 27.8                    | 26.8                    | 26.7                    | 26.8                    |
| n6 (gm)                 | 24.8                       | 24.4                    | 24.0                    | 22.9                    | 22.7                    | 22.9                    |
| n3 (gm)                 | 1.4                        | 1.4                     | 1.3                     | 1.2                     | 1.3                     | 1.4                     |