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DYET# 518810

Choline Deficient and Iron Supplemented L-Amino Acid Defined  
 Rat Diet without L-Methionine (as per fax of 10-16-01)

|                       |         |   |                  |            |
|-----------------------|---------|---|------------------|------------|
| L-Arginine            |         |   | 12.7             |            |
| L-Histidine           |         |   | 3.4              |            |
| L-Lysine HCl          |         |   | 9.1              |            |
| L-Tyrosine            |         |   | 5.7              |            |
| L-Tryptophan          |         |   | 1.8              |            |
| L-Phenylalanine       |         |   | 7.3              |            |
| <b>L-Methionine</b>   |         |   | <b>0</b>         |            |
| L-Cystine             |         |   | 3.7              |            |
| L-Threonine           |         |   | 4.6              |            |
| L-Leucine             |         |   | 10.5             |            |
| L-Isoleucine          |         |   | 6.1              |            |
| L-Valine              |         |   | 6.3              |            |
| Glycine               |         |   | 6.2              |            |
| L-Proline             |         |   | 7.6              |            |
| L-Glutamic Acid       |         |   | 28.9             |            |
| L-Alanine             |         |   | 5.1              |            |
| L-Aspartic Acid       |         |   | 15.8             |            |
| L-Serine              |         |   | 7.2              |            |
|                       | Kcal/gm | 4 |                  |            |
|                       |         |   | total L-AA*..... | 142.00 568 |
| Ingredient            |         |   | gm/Kg            | kcal/gm    |
| Cornstarch            | 3.6     |   | 100              | 360        |
| Dextrin               | 3.63    |   | 100              | 363        |
| Sucrose               | 4       |   | 408.58           | 1634.32    |
| Cellulose (401855)    | 0       |   | 50               | 0          |
| Corn Oil              | 9       |   | 50               | 450        |
| Salt Mix #200000      | 0.47    |   | 35               | 16.45      |
| Sodium Bicarbonate    | 0       |   | 4.3              | 0          |
| Vitamin Mix #30005    | 3.92    |   | 10               | 39.2       |
| Primex                | 9       |   | 100              | 900        |
| Ferric Citrate, U.S.P | 0       |   | 0.12             | 0          |
|                       |         |   | total.....       | 1000       |
|                       |         |   | Kcal/Kg          | 4330.97    |

\*This includes the 2 g/kg of Cystine added to #118753.

Dr. D. Nakae, Nara Medical College, 5/10/89

Modified on October 16, 2001

Key words: MCD diet,