

Chart For Modifying Ethanol Derived Calories In Rodent Liquid Diets

To achieve the desired level of ethanol derived calories, add the corresponding amount of 95% ethanol, maltose dextrin and additional water* when preparing the diet according to the mixing instructions. The resulting diet will be isocaloric to the control diet.

Ethanol Content in Diet		Add		
Ethanol Derived Calories	% Ethanol (w/v)	mL/L 95% ethanol	gram/L Maltose dextrin	Additional mL/L water
360	5.0	67.0	0	0
340	4.8	63.6	5	0
320	4.5	59.8	10	10
300	4.2	56.1	15	10
280	3.9	52.3	20	20
260	3.6	48.6	25	20
240	3.4	44.9	30	30
220	3.1	41.1	35	30
200	2.8	37.4	40	30
180	2.5	33.6	45	20
160	2.2	29.9	50	20
140	2.0	26.2	55	20
120	1.7	22.4	60	20
100	1.4	18.7	65	15
0	0	0	90	5

*When preparing the 340-360 ethanol derived calorie diets, use the pre-determined water level in the accompanying mixing instructions. When preparing other modified ethanol derived calorie levels, add water as directed above in the chart in addition to the pre-determined water level in the mixing instructions.