

Supplement Table 1 Experimental mouse purified diet formula

Items	0.86%Met	1.55%Met
L-isoleucine	0.82%	0.82%
L-leucine	1.11%	1.11%
L-lysine	1.80%	1.80%
L-methionine	0.86%	1.55%
L-phenylalanine	1.16%	1.16%
L-threonine	0.82%	0.82%
L-tryptophan	0.18%	0.18%
L-valine	0.82%	0.82%
L-histidine	0.33%	0.33%
L-alanine	0.51%	0.51%
L-arginine	1.12%	1.12%
L-aspartic acid	1.20%	1.20%
L-glutamic acid	2.70%	2.01%
Glycine	2.33%	2.33%
L-proline	1.39%	1.39%
L-serine	0.90%	0.90%
L-tyrosine	0.50%	0.50%
Choline	0.20%	0.20%
Corn starch	38.50%	38.50%
Maltodextrin	5.00%	5.00%
Glucose	20.00%	20.00%
Cellulose	5.00%	5.00%
Corn oil	6.50%	6.50%
Mixed mineral salts	1.00%	1.00%
Dicalcium phosphate	1.30%	1.30%
Calcium carbonate	0.55%	0.55%
Potassium citrate	1.65%	1.65%
Sodium bicarbonate	0.75%	0.75%
Mixed vitamins	1.00%	1.00%
Total	100.00%	100.00%