

Supplementary Table 1. Constituents of the Peptisorb Enteral Nutritional Suspensions
(energy density: 1 kcal/mL)

Constituents	Units	Per 500 mL
Maltodextrin	g	88
Hydrolyzed Whey Protein	g	20
Fat	g	8.5
Potassium	g	0.75
Sodium	g	0.5
Calcium	g	0.4
Magnesium	g	0.115
Phosphorus	g	0.36
Chlorine	g	0.625
Iron	mg	8.0
Zinc	mg	6.0
Copper	mg	0.9
Manganese	mg	1.65
Fluorine	mg	0.5
Iodine	mg	0.065
Molybdenum	mg	0.05
Chromium	ug	33.5
Selenium	ug	28.5
Vitamin A	IU	1365.3
Vitamin B1	mg	0.75
Vitamin B2	mg	0.8
Vitamin B6	mg	0.85
Vitamin B12	ug	1.05
Vitamin C	mg	50.0
Vitamin D	ug	3.5
Vitamin E	mg	9.7
Vitamin K	ug	26.5
Niacin	mg	4.0
Pantothenic acid	mg	2.65
Folate	mg	0.135
Biotin	mg	0.02
Choline	g	0.185

Mixtures of carotenoids	mg	1.0
Taurine	g	0.05

Supplementary Table 2. Constituents of the standard mouse chow diet

Constituents	Units	Per 1000 g
Water	g	≤ 100
Crude protein	g	≥ 190
Crude fat	g	≥ 60
Crude fiber	g	≤ 50
Crude ash	g	≤ 80
Calcium	g	10-13
Total phosphorus	g	6-10
Magnesium	g	≥ 2.0
Potassium	g	≥ 5.0
Sodium	g	≥ 2.0
Iron	mg	≥ 280
Manganese	mg	≥ 75
Copper	mg	≥ 10
Zinc	mg	≥ 100
Iodine	mg	≥ 1.1
Selenium	mg	≥ 0.1
Vitamin A	IU	≥ 14000
Vitamin D	IU	≥ 4500
Vitamin E	IU	≥ 120
Vitamin K	mg	≥ 20.0
Vitamin B1	mg	≥ 80.0
Vitamin B2	mg	≥ 12
Vitamin B6	mg	≥ 12
Vitamin B12	mg	≥ 0.022
Niacin	mg	≥ 60
Pantothenic acid	mg	≥ 24
Folate	mg	≥ 4.0
Biotin	mg	≥ 0.20
Choline	mg	≥ 1500
Vitamin C	mg	/

Total energy	kcal	3641
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Supplementary Table 3. Histological scoring system of TNBS-induced colitis

Grade	Pathological characteristics
Grade 0	No evidence of inflammation
Grade 1	Low level of leukocyte infiltration with infiltration seen in <10% /HPF. No structural changes.
Grade 2	Moderate level of leukocyte infiltration with infiltration seen in 10% to 25% /HPF, crypt elongation, bowel wall thickening that does not extend beyond the mucosal layer, and no ulcers.
Grade 3	High level of leukocyte infiltration seen in 25% to 50% /HPF, crypt elongation, infiltration beyond the mucosal layer, thickening of bowel wall and superficial ulcers.
Grade 4	Marked degree of transmural leukocyte infiltration seen in >50% /HPF, elongated and distorted crypts, bowel wall thickening, and extensive ulcerations.