

SUPPLEMENTAL TABLE 1. Nutrient and nutritional composition of purified pelleted diets¹

Ingredient	AIN-93G ²	Control diet	AREDS2 diet
Casein	200	200	200
L-Cystine	3	3	3
Sucrose	100	100	100
Cornstarch	397	351	338
Dyetrose	132	132	132
t-Butylhydroquinone	0.014	0.02	0.014
Cellulose	50	50	50
Mineral Mix #210025 ³	35	35	35
Vitamin Mix # 310025 ⁴	10	10	10
Choline Bitartrate	2.5	2.5	2.5
Soybean Oil	70	117	0
Lutein 5%	0	0	6.25
Zeaxanthin	0	0	1.25
EPA+DHA	0	0	51.7
Nutritional composition	3.76		
Total Mcal/kg		4.01	4.01

¹ Data presented are grams of nutrient /kilogram of diet.

² Amounts of each ingredient in the control diet and AREDS2 diet were compared to the respective amount in the standard AIN-93G diet.

^{3,4} Dyets Inc. mixes

SUPPLEMENTAL TABLE 2. Micronutrient content assay of purified pelleted diets¹

	<u>Control diet</u>			<u>AREDS2 diet</u>		
	Lutein	Zeaxanthin	LCPUFA (EPA+DHA)	Lutein	Zeaxanthin	LCPUFA (EPA+DHA)
Claim	0	0	0 + 0	1.76	0.351	215 + 107
0 Weeks	undetectable	undetectable	undetectable	2.29	0.492	225 + 115
(% Claim)	100%	100%	100%	(130%)	(140%)	(104% + 107%)
4 Weeks	*	*	*	2.29	0.404	214 + 109
(% Claim)				(130%)	(115%)	(100% + 102%)
9 Weeks	*	*	*	2.46	0.457	226 + 144
(% Claim)				(140%)	(130%)	(105% + 107%)

* assay not repeated

¹ Amounts presented are in μmol per 4 g of diet, the average daily amount consumed per mouse.

Molecular weights used for calculation are: lutein 569 g/mol, zeaxanthin 569 g/mol, DHA 328 g/mol, and EPA 302 g/mol.