

Table 4.3. Summary of dietary nutrient (minerals and vitamins) requirements of common carp (*Cyprinus carpio*)

Name/type	Quantity
Minerals (1)	
Macroelements (%)	
• Phosphorus, min	0.6–0.8 %
• Magnesium, min	0.04–0.05 %
Microelements, min mg/kg dry diet	
• Iron	150 mg/kg
• Copper	3 mg/kg
• Manganese	13 mg/kg
• Zinc	15–30 mg/kg
• Cobalt	0.1 mg/kg
Vitamins, min IU/kg dry diet (2)	
• Vitamin A (Retinol)	4,000
Vitamins, min mg/kg dry diet (2)	
• Vitamin E (α -tocopherol)	100
• Vitamin B ₁ (Thiamine)	0.5
• Vitamin B ₂ (Riboflavin)	7
• Vitamin B ₃ (Niacin/nicotinic acid)	28
• Vitamin B ₅ (Pantothenic acid)	30
• Vitamin B ₆ (Pyridoxine)	6
• Choline	500
• Inositol	440
• Vitamin B ₇ (Biotin)	1
• Vitamin C (Ascorbic acid)	required

Source: (1) Satoh, 1991; NRC, 1993; Kim et al., 1998, (2) Satoh, 1991; NRC, 1993