

### 特殊營養食品中營養素檢驗之建議方法清單

編號	中文品名	英文品名	建議檢驗方法	分析技術
1	蛋白質	Protein	CNS 3449。乳品檢驗法-蛋白質之測定。	凱氏(測定氮)法
2	灰分	Ash	CNS 5034。食品中粗灰分之檢驗方法。	重量法
3	水分	Moisture	CNS 3443。乳品檢驗法-水分之測定。	重量法
4	乳脂肪	Fat	CNS 3444。乳品檢驗法-乳脂肪含量之測定。	重量法
5	膽固醇	Cholesterol	AOAC Official Method 994.10 Cholesterol in Foods.	GC-FID
6	維生素 E	Vitamin E	AOAC Official Method 2012.10 Simultaneous Determination of 13-cis and all-trans Vitamin A Palmitate (Retinyl Palmitate), Vitamin A Acetate (Retinyl Acetate), and Total Vitamin E (dl- $\alpha$ -Tocopherol and dl- $\alpha$ -Tocopherol Acetate) in Infant Formula and Adult Nutritionals.	HPLC-UV
			CNS 12723。嬰兒配方食品中維生素 E 含量測定法。	HPLC-FLD 或 HPLC-UV
7	鈉	Sodium (Na)	1. AOAC Official Method 2011.19 Chromium, Selenium, and Molybdenum in Infant Formula and Adult Nutritional Products. 2. AOAC Official Method 2011.14 Calcium, Copper, Iron, Magnesium, Manganese, Potassium, Phosphorus, Sodium, and Zinc in Fortified Food Products. 3. 重金屬檢驗方法總則(MOHWH0014.03)。	ICP-MS
8	鉀	Potassium (K)		
9	銅	Copper (Cu)		
10	鐵	Iron (Fe)		ICP-OES
11	鋅	Zinc (Zn)		
12	錳	Manganese (Mn)		
13	鎂	Magnesium (Mg)		
14	鈣	Calcium (Ca)		
15	磷	Phosphorus (P)		
16	硒	Selenium (Se)		
17	核苷酸	Nucleotides	AOAC Official Method 2011.20 5'-Mononucleotides in Infant Formula and Adult/Pediatric Nutritional Formula.	HPLC-UV
			AOAC Official Method 2011.21 Nucleotides in Infant Formula and Adult Nutritional Formula.	LC-MS/MS
18	維生素 B12	Vitamin B12	AOAC Official Method 2014.02 Vitamin B12 (Cyanocobalamin) in Infant Formula and Adult/Pediatric Nutritional Formula by Liquid Chromatography with Ultraviolet Detection.	HPLC-UV

備註：檢體中有影響檢驗結果之物質時，應自行探討。