



NQAC

Nestlé Quality Assurance Center
Dublin

Technical Datasheet

Analysis Name: Total Tryptophan by HPLC

Method Number: AOAC 2017.03

Scope of Application: Infant formula, pediatric products, adult nutritional products, Stouffers, cereals, and coffee.

Description: Enzymatic hydrolysis of the sample with addition of an internal standard. Sample is then diluted and filtered, followed by analysis via reversed phase high performance liquid chromatography (RP-HPLC) with fluorescence detection.

Sample Weight Required: 50 g

Method Reference: AOAC Official Method 2017.03

Analytical Platform: High Performance Liquid Chromatography

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
Tryptophan		g/100 g	0.04	14%