

VA Application Note No. V-75

Title: Nicotinamide in vitamin tablets

Summary: Nicotinamide (vitamin B₃, vitamin PP) can be determined in vitamin preparations at the DME.

Sample: Multivitamin tablets

Sample preparation: The tablets are dissolved in $c(\text{NaOH}) = 0.08 \text{ mol/L}$

Nicotinamide:

Electrolyte: 1% tetramethylammonium hydroxide

AE: Pt

RE: Ag/AgCl/KCl (3 mol/L)

Parameters: DME

Determination: -1400 mV to -1900 mV

Peak potential vitamin B₃: -1700 mV

Results:	Vitamin B ₃
	3.2 mg/tablet

Determination of nicotinamide

