

# VA Application Note No. V- 56

**Title:** Ascorbic acid in vitamin capsules

**Summary:** Determination of ascorbic acid (vitamin C) in vitamin capsules after sample digestion.

**Sample:** Vitamin capsules samples  
**Sample Preparation:** Microwave oven sample preparation

**Ascorbic acid:**  
**Electrolyte:** Oxalic acid, NaOOCCH<sub>3</sub> / CH<sub>3</sub>COOH buffer  
**AE:** Pt  
**RE:** Ag/AgCl/KCl 3M  
**Parameters:** DPPOL (50 mV), DME  
 U<sub>start</sub> = -50 mV, U<sub>end</sub> = +200 mV  
 Ep(ascorbic acid) = +100 mV

<b>Results:</b>	<b>Ascorbic acid (vitamin C)</b> mg/g
	<b>488.7</b>

## Determination of ascorbic acid (Vitamin C)

