

# VA Application Note No. V-73

**Title:** Ascorbic acid in orange juice

**Summary:** Ascorbic acid (vitamin C) can be determined in fruit and vegetable juices without sample preparation at the DME.

**Sample:** Orange juice

**Sample preparation:** none

**Ascorbic acid:**

**Electrolyte:** 0.1 mol/L acetate buffer (pH = 4.6)

**AE:** Pt

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

**Parameters:** DME

Determination: -200 mV to +200 mV

Peak potential vitamin C: +110 mV

<b>Results:</b>	Vitamin C
	284 mg/L

**Determination of ascorbic acid**

