

## **Assay of Calcium D-Pantothenate (Calpan) in pure substance by Potentiometric Titration**

**Assay Parameter:** Calcium D-Pantothenate (Calpan)

**Principle:** Potentiometric Titration

**Product(s) to which applicable:** Calcium D-Pantothenate

### **Reagents**

1. Acetic acid p.a. (100%)
2. Perchloric acid 0.1 mol/l

### **Procedure**

Dissolve 180 - 200 mg (accurately weighed) in 75 ml acetic acid (100%). Titrate potentiometrically with perchloric acid 0.1 mol/l using a combined glass electrode.

### **Calculation**

Each ml of perchloric acid 0.1 mol/l is equivalent to 23.827 mg