**Vasopressin and Lypressin**

**Summary**

Vasopressin is known as the anti-diuretic hormone as it is responsible for regulating the retention of water in the body.

**USP catalogue numbers**

Lypressin: 1711100, Lot H0L444

Vasopressin: 1342321, Lot R016U0

**Maurice CE-SDS Method**

**Sample preparation:** Vasopressin and lypressin (purchased from USP) were diluted to 0.5 mg/mL in 1X Maurice Sample Buffer prior to treatment for 5 minutes at 70 °C in the presence of either 11.5 mM IAM (non-reduced) or 650 mM βME (reduced).

**Run conditions:** Non-reduced vasopressin was injected for 20 seconds followed by a 15-minute separation at 4600 V. Reduced vasopressin was injected for 10 seconds followed by a 15-minute separation at 4600 V. Non-reduced lypressin was injected for 10 seconds followed by a 20-minute separation at 4600 V. Reduced lypressin was injected for 10 seconds followed by a 20-minute separation at 4600 V.

**Maurice icIEF method**

**Sample preparation:** Vasopressin and lypressin were diluted to 0.1 mg/mL.

**Ampholyte solution:** Pharmalytes 8–10.5 (2.25%) and Servalytes 9–11 (0.75%) containing 3.2 M urea and 1% TEMED

**Running conditions:** 1 minute at 1500 V, 10 minutes at 3000 V

**pl marker:** 8.4

**Imaging:** Absorbance