

Stanovení askorbátu v moči

Ascorbic acid appears in the urine with high food intake. As a strong reducing agent, it can affect the determination of some analytes in urine, especially those that use hydrogen peroxide in the reactions. It is directly reduced with ascorbic acid. It also rapidly degrades diazonium salts used for azocoupling reactions.

The principle of ascorbic acid detection uses phosphomolybdic acid, which is reduced to molybdic blue by ascorbic acid. The reaction is not only specific for ascorbic acid, other substances with strong reducing effects react similarly.