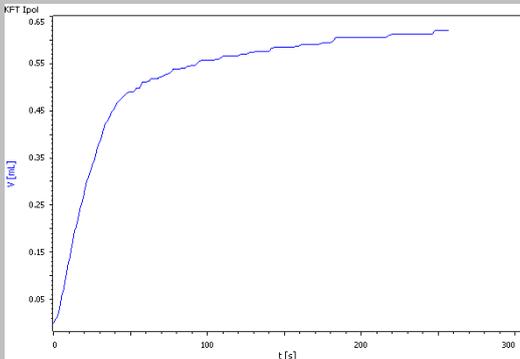


电位滴定应用简报 AN-CN(SH)-00030-04-852-042014

## 卡尔费休容量法测定头孢克洛分散片中的水分

|               |   |
|---------------|---|
| <b>应用领域：</b>  | 制药  |
| <b>用户信息：</b>  | 青浦药检  |
| <b>关键词：</b>   | 852，卡尔费休容量法，药物制剂，水分   |
| <b>样品：</b>    | 片状固体  |
| <b>设备和附件：</b> | 852 Titrand<br>800 Dosino<br>803 Ti Stand<br>6.0338.100 Double Pt-wire electrode for volumetry  |
| <b>样品处理：</b>  | 卡尔费休容量法单组份试剂：Combi Titrant 5 (Merck-1.88005.1000)<br>溶剂：Combi Methanol (Merck-1.88009.1000)   |
| <b>样品分析：</b>  | 加 30mL 甲醇溶剂于滴定杯中，并滴定至无水（预滴定）。加入约 0.1g 研磨后的样品，测定水分。  |
| <b>分析结果：</b>  | 1st run result : 3.911%<br>2nd run result : 3.922%<br>3rd run result : 3.941%<br>Average Result : 3.925% RSD=0.39%  |
| <b>备注：</b>    | 1) 样品不溶于溶剂，需根据样品情况，设置合适的萃取时间<br>2) 样品不溶于溶剂，测试数次后，应更换为新鲜溶剂，重新平衡  |
| <b>典型谱图：</b>  |  <p>The figure is a line graph titled '典型谱图' (Typical Spectrum). The y-axis is labeled 'V [mV]' and ranges from 0.05 to 0.65 with increments of 0.10. The x-axis is labeled 't [s]' and ranges from 0 to 300 with increments of 100. The curve starts at (0,0), rises steeply to approximately 0.45 mV at 50 seconds, then continues to rise more gradually, reaching a plateau of about 0.65 mV after 200 seconds. The text 'KFT [pot]' is visible in the top left corner of the graph area.</p> |