

Alpha acids in hops



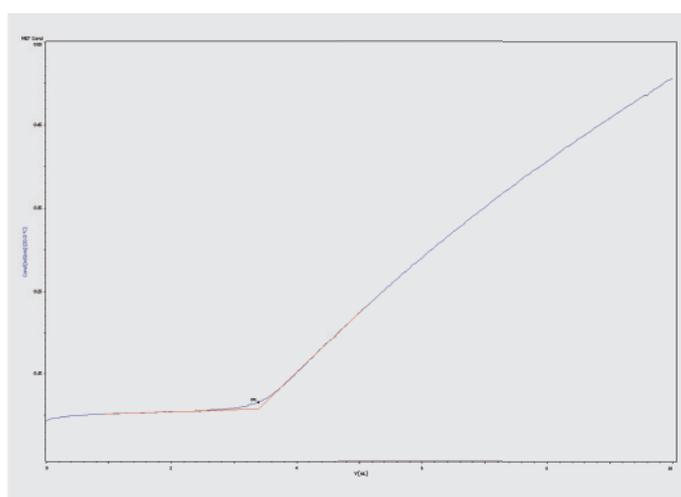
Determination according to EBC 7.4 by conductometric titration

Easy, fast and cost-effective determination with the 856 Conductivity Module

With the 856 Conductivity Module and **tiamo**TM titration software, Metrohm offers a system that can be used to determine alpha acids in hops easily, fast and cost-effectively according to EBC 7.4. For this, the hop products are first extracted with toluene. The user needs only to provide an aliquot of the toluene extract in the titration vessel; the addition of methanol and the subse-

quent titration are carried out automatically at the single touch of a button. At the end of determination the result can be calculated in whatever format required and a freely configurable report can be saved as a PDF file or printed out directly. All determination data are stored in the **tiamo**TM database.

03



Typical titration curve for of alpha acids in hops.



Metrohm complete packages for conductometric titration

Package I

2.856.1210 856 Conductometric Titrator

2.856.0010	856 Conductivity Module
2.801.0040	801 Magnetic Stirrer
2.800.0010	800 Dosino
6.3032.220	Dosing Unit 20 mL
6.0915.100	Conductivity Measuring Cell
6.6056.231	<i>tiamo</i> TM 2.3 light

Package II

2.856.2210 856 Conductometric Titrator + Solvent

2.856.0010	856 Conductivity Module
2.801.0040	801 Magnetic Stirrer
2.800.0010	800 Dosino
6.3032.220	Dosing Unit 20 mL
6.0915.100	Conductivity Measuring Cell
6.6056.231	<i>tiamo</i> TM 2.3 light
2.800.0010	800 Dosino
6.3032.250	Dosing Unit 50 mL

Of course, conductometric titration can also be carried out fully automatically on an 814/815 Sample Processor.

www.metrohm.com

 **Metrohm**