	Management	
	IT'S CAOS - Abstracts HPLC 2007	
	Home Tools Configuration	
		Back   Log off
<u>Home   Search in</u>	n <u>abstracts</u>   Abstract details	
Selected abstract	ct	
Submitter	Mr Roland Marini	
Institute	University of Liege	
Туре	Poster only	
Category	Chiral Analysis	
Title	Enantiomeric purity testing of S-timolol by non-aqueous CE using heptakis(2,3-di-O-methyl-6-O-sulfo β-cyclodextrin as chiral additive - Validation using the accuracy profile strategy and estimation of uncertainty	D)-
	Delete   E-ma	il invitation
Submitter   Authors	rs   Abstract text   Graphic   Table   Grades   Presentation type	
Abstract text	Destructure of the	
Туре	Poster only	
Category	Chirol Applysic	
Title	Chiral Analysis Enantiomeric purity testing of S-timolol by non-aqueous CE using heptakis(2,3-di-O-methyl-6-O- β-cyclodextrin as chiral additive - Validation using the accuracy profile strategy and estimation of uncertainty	sulfo)-
Title Text	<ul> <li>Chiral Allaysis</li> <li>Enantiomeric purity testing of S-timolol by non-aqueous CE using heptakis(2,3-di-O-methyl-6-O-s β-cyclodextrin as chiral additive - Validation using the accuracy profile strategy and estimation of uncertainty</li> <li>Non-aqueous capillary electrophoresis (NACE) was successfully applied to the enantiomeric purity testing of S-timolol maleate using heptakis(2,3-di-O-methyl-6-O-sulfo)-β-cyclodextrin (HDMS-β-C chiral selector. With a background electrolyte made of a methanolic solution of 0.75 M formic acid mM potassium camphorsulfonate and containing 30 mM HDMS-β-CD, the determination of 0.1% of timolol in S-timolol could be achieved with an enantioresolution of 8.5. Pyridoxine was used as int standard. The NACE method was then fully validated by applying a novel strategy using accuracy error) profiles. This strategy is based on β-expectation tolerance intervals for the total measurem error which includes trueness and intermediate precision. The uncertainty of measurements deriv from β-expectation tolerance intervals was estimated at each concentration level of the validation standards. To confirm the suitability of the method, several real samples of S-timolol maleate containing R-timolol maleate at different concentrations were analyzed and the results were comp to those obtained by liquid chromatography.</li> </ul>	Sulfo)- CD) as 1, 30 of R- ternal (total ent ed bared

Change details