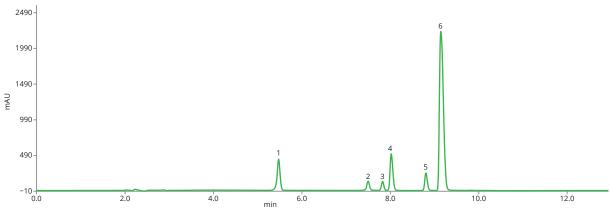
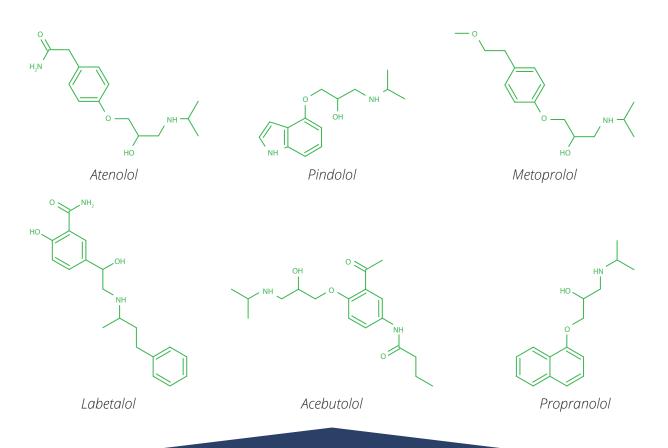
## APPLICATION LIST #371

## **Beta Blockers**

Beta Blockers are also known as beta-adrenergic blocking agents. They are used as a medication that reduces blood pressure.



Standard mixture on ASTRA® C18-HE column



## www.arionchromatography.com

ASTRA® is a trademark registered by Chromservis s.r.o. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and/or names or their products and are the property of their respective owners. We disclaim proprietary interest in the marks and names of others.

**APPLICATION LIST #371** 

## **Beta Blockers**

Column	ASTRA <sup>®</sup> C18-HE, 5 μm			
Dimensions	150 mm × 4.6 mm			
Part number	AST-5732-LK46			
Mobile phase	A: Phosphate buffer 20mM, pH 2.5 B: ACN			
Gradient elution	<b>Time</b> 0	<b>A (%)</b> 95	<b>B (%)</b> 5	Flow rate (ml/min) 0.75
	3	85 50	15 50	1.00 1.00
	12 13	95 95	5	1.00 0.75
Flow rate	See gradient table			
Temperature	25 °C			
Injection volume	2.0 µl			
Detection	UV @250 nm			
Analytes	1. Atenolol, CAS No. 29122-68-7 2. Pindolol, CAS No. 13523-86-9 3. Acebutolol, CAS No. 37517-30-9 4. Metoprolol, CAS No. 37350-58-6 5. Labetalol, CAS No. 36894-69-6 6. Propranolol, CAS No. 525-66-6			

www.arionchromatography.com

ASTRA® is a trademark registered by Chromservis s.r.o. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and/or names or their products and are the property of their respective owners. We disclaim proprietary interest in the marks and names of others.