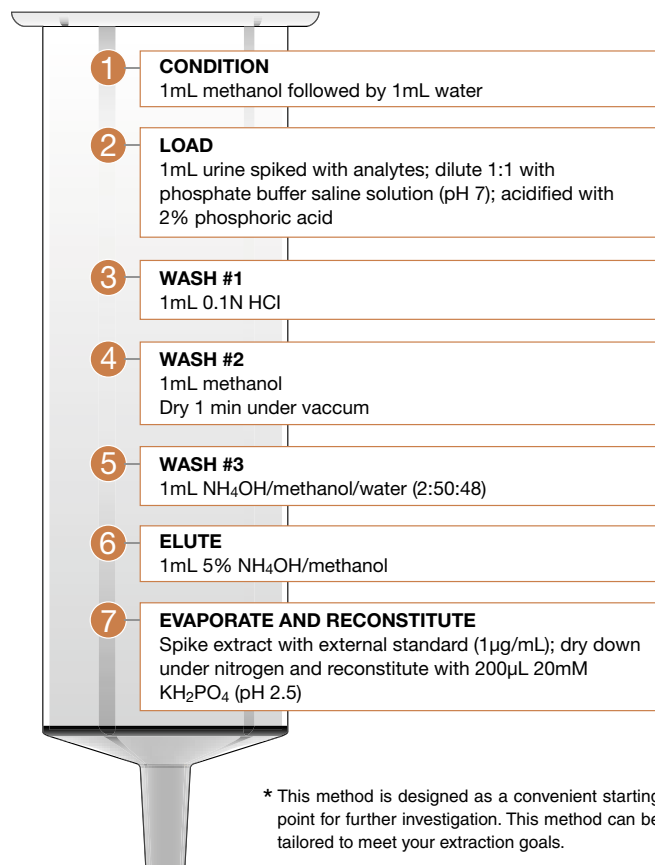


Beta Blockers Extracted from Urine using strata™ X-C

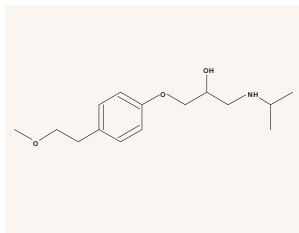
Strata Method* strata-X-C 30mg/1mL



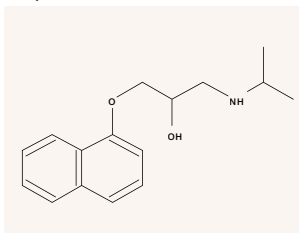
Ordering Information

Order Number	Description
8B-S029-TAK-TN	strata-X-C 30mg/1mL Tubes (100/Box)
8B-S029-UBJ-TN	strata-X-C 60mg/3mL Tubes (50/Box)
8B-S029-FBJ-TN	strata-X-C 200mg/3mL Tubes (50/Box)
8B-S029-HBJ-TN	strata-X-C 500mg/3mL Tubes (50/Box)
8B-S029-ECH-TN	strata-X-C 100mg/6mL Tubes (30/Box)
8B-S029-FCH-TN	strata-X-C 200mg/6mL Tubes (30/Box)
8B-S029-HCH-TN	strata-X-C 500mg/6mL Tubes (30/Box)
8B-S029-EDG-TN	strata-X-C 100mg/12mL Giga Tubes (20/Box)
8B-S029-HDG-TN	strata-X-C 500mg/12mL Giga Tubes (20/Box)
8B-S029-JDG-TN	strata-X-C 1000mg/12mL Giga Tubes (20/Box)
8E-S029-AGB-TN	strata-X-C 96-Well Plate 10mg/well (2/Box)
8E-S029-TGB-TN	strata-X-C 96-Well Plate 30mg/well (2/Box)
8E-S029-UGB-TN	strata-X-C 96-Well Plate 60mg/well (2/Box)

Metoprolol

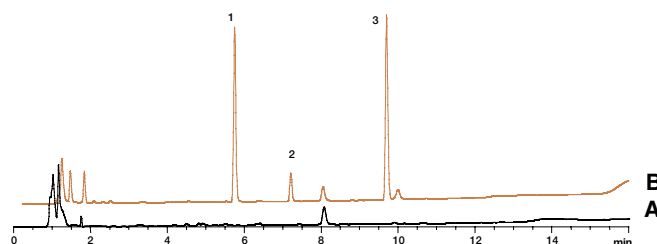


Propranolol



HPLC chromatograms of urine extracts:

A) blank B) spiked sample



HPLC Analysis Conditions:

Column:	Luna® 5µ, C18(2), 150 x 4.6mm (Order No: 00F-4252-E0-TN)
Sample:	50µL of reconstituted urine extract
Mobile Phase:	A: 20mM KH ₂ PO ₄ (pH 2.5); B: acetonitrile
Gradient:	A/B (95:5) to A/B (50:50) in 15 min
Flow rate:	1.5mL/min
Temperature:	25°C
Detector:	UV @ 210nm
Peaks:	1. Pindolol (ext. std.) 2. Metoprolol 3. Propranolol

Results

Analyte	Concentration (µg/mL)	% Recovery	% RSD (n=3)
Metoprolol	1.0	96	4.2
Propranolol	1.0	90	3.9

For a digital copy of this Technical Note, please visit www.Phenomenex.com/TechNotes/CN015



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