

New Lux Amylose-1 Chiral Columns

A Cost Effective Guaranteed* Alternative
to CHIRALPAK® AD® Columns!

Your Chiral Life, Just Got Way Better!



Oferta ważna do 30 października 2015

20%

rabatu przy zakupie
1 kolumny Lux Amylose-1
o średnicy ≤ 4.6 mm

LUB

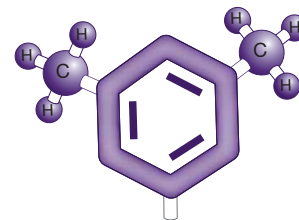
35%

rabatu przy zakupie
3 lub więcej kolumn Lux
o średnicy ≤ 4.6 mm
(min. 1 szt. Lux Amylose-1)

BONUS

Kolumny preparatywne
w super cenach?
Zadzwoń do nas!
Tel: 22 20 60 950

NEW Lux Amylose-1 Chiral Columns



Amylose-O-COH

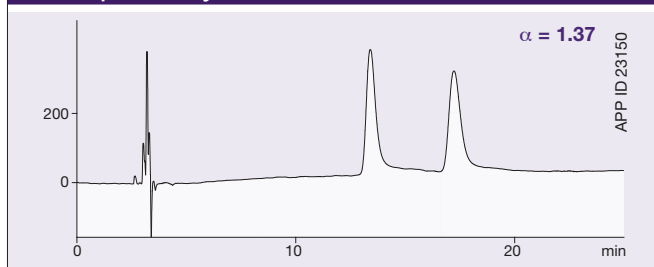
Amylose tris(3,5-dimethylphenylcarbamate)

- Essential selectivity for any chiral screen
- 5 μ m particle size for HPLC, SFC, and Preparative Purifications
- Guaranteed alternative to CHIRALPAK® AD® columns

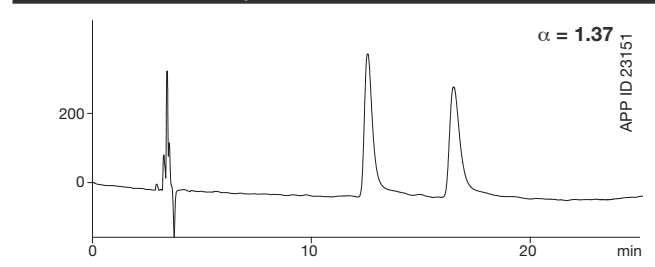
If you are using one of the DAICEL® columns below:	Guaranteed alternative:	Phase description for both columns:
CHIRALPAK® AD®, AD-H®, AD-3, AD-RH®, and AD-3R	Lux Amylose-1	Amylose tris(3,5-dimethylphenylcarbamate)

Normal Phase

Lux 5 μ m Amylose-1



CHIRALPAK® 5 μ m AD-H®



Conditions for both columns:

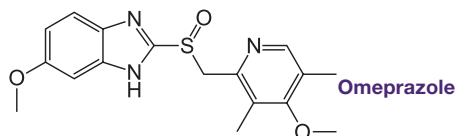
Dimensions: 250 x 4.6 mm

Mobile Phase: 0.1% Diethylamine in Hexane / 0.1% Diethylamine in IPA (80:20)

Flow Rate: 1 mL/min

Detection: UV @ 220 nm

Temperature: Ambient



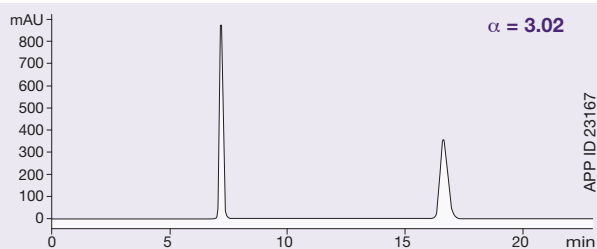
Are Lux Amylose-1 Columns More Affordable than CHIRALPAK® AD® Columns?

YES! Contact your local Phenomenex representative to find out how much your lab will save today.

Comparative separations may not be representative of all applications.

Reversed Phase

Lux 5 μ m Amylose-1



Conditions for both columns:

Dimensions: 250 x 4.6 mm

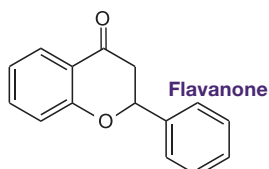
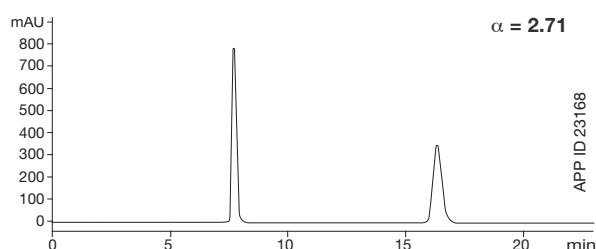
Mobile Phase: 20 mM Ammonium bicarbonate / Acetonitrile (20:80)

Flow Rate: 1 mL/min

Detection: UV @ 220 nm

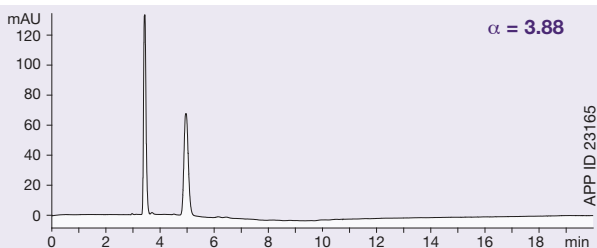
Temperature: Ambient

CHIRALPAK® 5 μ m AD-H®



Polar Organic

Lux 5 μ m Amylose-1



Conditions for both columns:

Dimensions: 250 x 4.6 mm

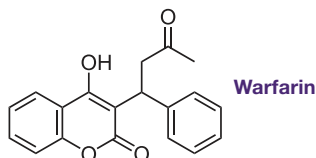
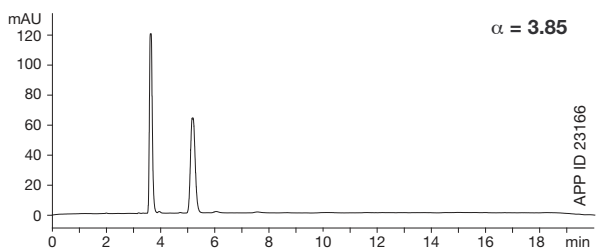
Mobile Phase: 0.1 % Acetic acid in Ethanol

Flow Rate: 1 mL/min

Detection: UV @ 254 nm

Temperature: Ambient

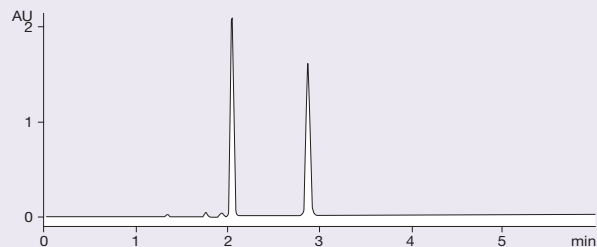
CHIRALPAK® 5 μ m AD-H®



SFC - Customer Submitted Comparison

Lux 5 μ m Amylose-1

Chiral Selector: Amylose tris(3,5-dimethylphenylcarbamate)

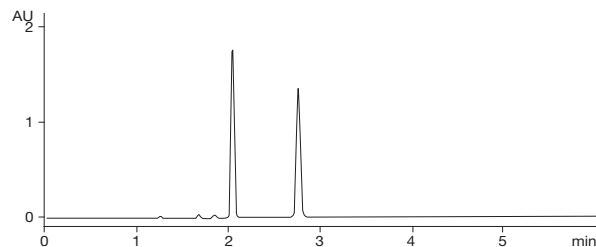


Peak Results

Retention Time (min)	Area (μ V \cdot sec)	% Area	Width (sec)
2.05	4330241	49.2	7.400
2.88	4466515	50.8	13.600

Competitor Column

Chiral Selector: Amylose tris(3,5-dimethylphenylcarbamate)



Peak Results

Retention Time (min)	Area (μ V \cdot sec)	% Area	Width (sec)
2.07	4448038	49.9	11.400
2.72	4465988	50.1	17.000

New Lux Amylose-1 Ordering Information oferta

guarantee

If Lux analytical columns (≤ 4.6 mm ID) do not provide at least an equivalent or better separation as compared to a competing column of the same particle size, similar phase and dimensions, send in your comparative data within 45 days and keep the Lux column for FREE.

5 μ m Analytical Columns (mm)				SecurityGuard™ Cartridges (mm)	
Phases	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6	4 x 3.0*
Amylose-1	00B-4732-E0	00D-4732-E0	00F-4732-E0	00G-4732-E0	10/pk AJ0-9336
					for ID: 3.2–8.0 mm

5 μ m Axia™ Packed Preparative Columns (mm)				SecurityGuard Cartridges (mm)		
Phases	150 x 21.2	250 x 21.2	250 x 30	250 x 50	15 x 21.2**	15 x 30.0*
Amylose-1	00F-4732-P0-AX	00G-4732-P0-AX	00G-4732-U0-AX	00G-4732-V0-AX	ea AJ0-9338	ea AJ0-9339
					for ID: 18–29 mm	30–49 mm

* SecurityGuard Analytical Cartridges require holder, Part No. : KJ0-4282

**HPLC PREP SecurityGuard Cartridges require holder, Part No. : AJ0-8223

SFC PREP SecurityGuard Cartridges require holder, Part No. : AJ0-8617

* HPLC PREP SecurityGuard Cartridges require holder, Part No. : AJ0-8277

SFC PREP SecurityGuard Cartridges require holder, Part No. : AJ0-8618



shim-pol

Wyłączny przedstawiciel w Polsce:

„SHIM-POL A.M. Borzymowski”
E. Borzymowska-Reszka, A. Reszka Sp.J.
Tel. 22/722 70 48, faks: 22/722 70 51
e-mail: biuro@shim-pol.pl www.shim-pol.pl



FREE Chiral Screening Services

Trust your sample in the hands of our chiral experts at PhenoLogix and free up your time for other projects!

Learn more:

www.phenomenex.com/phenologix



Trademarks

Lux is registered trademark, Axia and SecurityGuard are trademarks of Phenomenex. DAICEL, CHIRALPAK, AD, AD-H, and AD-RH are registered trademarks of DAICEL Corporation. All such trademarks are used by Chiral Technologies under license from DAICEL Corporation. Chiral Technologies, Inc. is a subsidiary of DAICEL Corporation.

Disclaimer

Comparative separations may not be representative of all applications.

SecurityGuard is patented by Phenomenex. U.S. Patent No. 6,162,362.

CAUTION: this patent only applies to the analytical-sized guard cartridge holder, and does not apply to SemiPrep, PREP or ULTRA holders, or to any cartridges.

Axia column and packing technology is patented by Phenomenex. U.S. Patent No. 7,674,383.

© 2015 Phenomenex, Inc. All rights reserved.