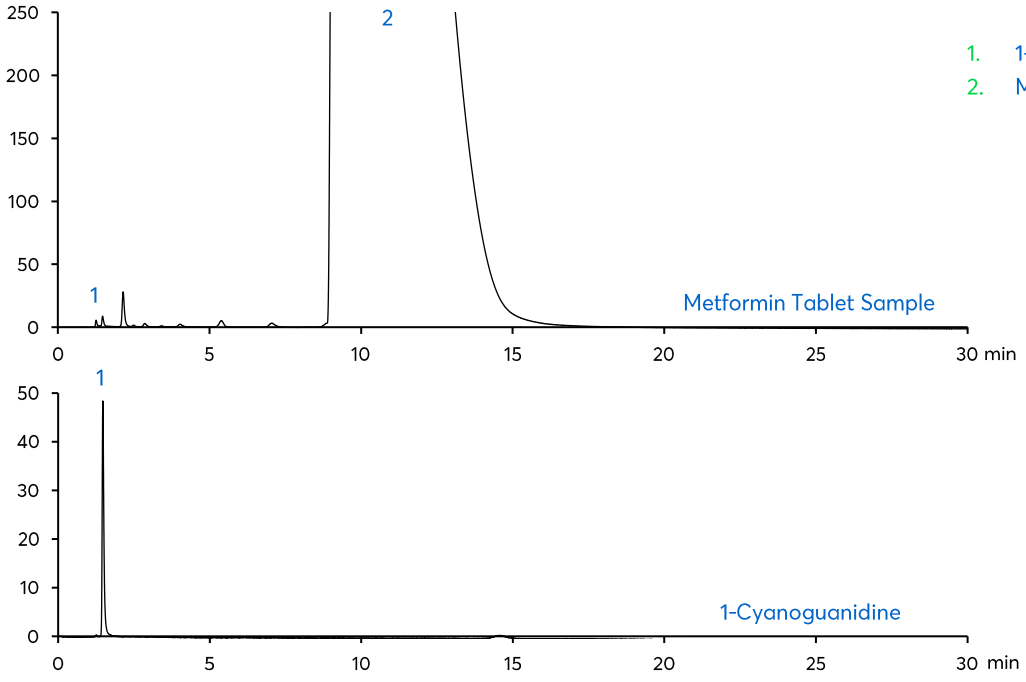
Chromatography Solutions

Application note #C-13175

BP Method for 1-Cyanoguanidine in Metformin Tablets



1. 1-Cyanoguanidine
2. Metformin

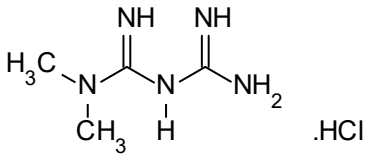
Avantor®

Method Details

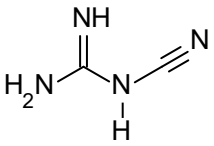
CONDITIONS

Columns:	Avantor® Partisphere 5 SCX
Particle Size:	5 µm
Dimensions:	125 x 4.6 mm
Mobile Phase:	1.7% w/v solution ammonium dihydrogen orthophosphate, adjusted to pH 3.0 with orthophosphoric acid
Flow Rate:	1.0 mL/min
Injection Volume:	20 µL
Temperature:	25 °C
Detection:	UV, 218 nm
Method:	British Pharmacopoeia

Always check the latest and official method information from the relevant pharmacopoeia prior to analysis.



Metformin Hydrochloride



1-Cyanoguanidine

ORDERING TABLE

Product	Details	Size	Part Number
Avantor® Partisphere 5 SCX	HPLC Cartridge Column (WVS Hardware)	125 x 4.6 mm	4621-0507
End Fitting Kit	Wrenchless WVS End Fitting Kit		4631-1001

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