

QC of Synthetic Oligonucleotides

Waters Corporation



This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief demonstrates QC of synthetic oligonucleotides.

Introduction

The compound analyzed in this study is synthetic oligonucleotides.

Experimental

Conditions

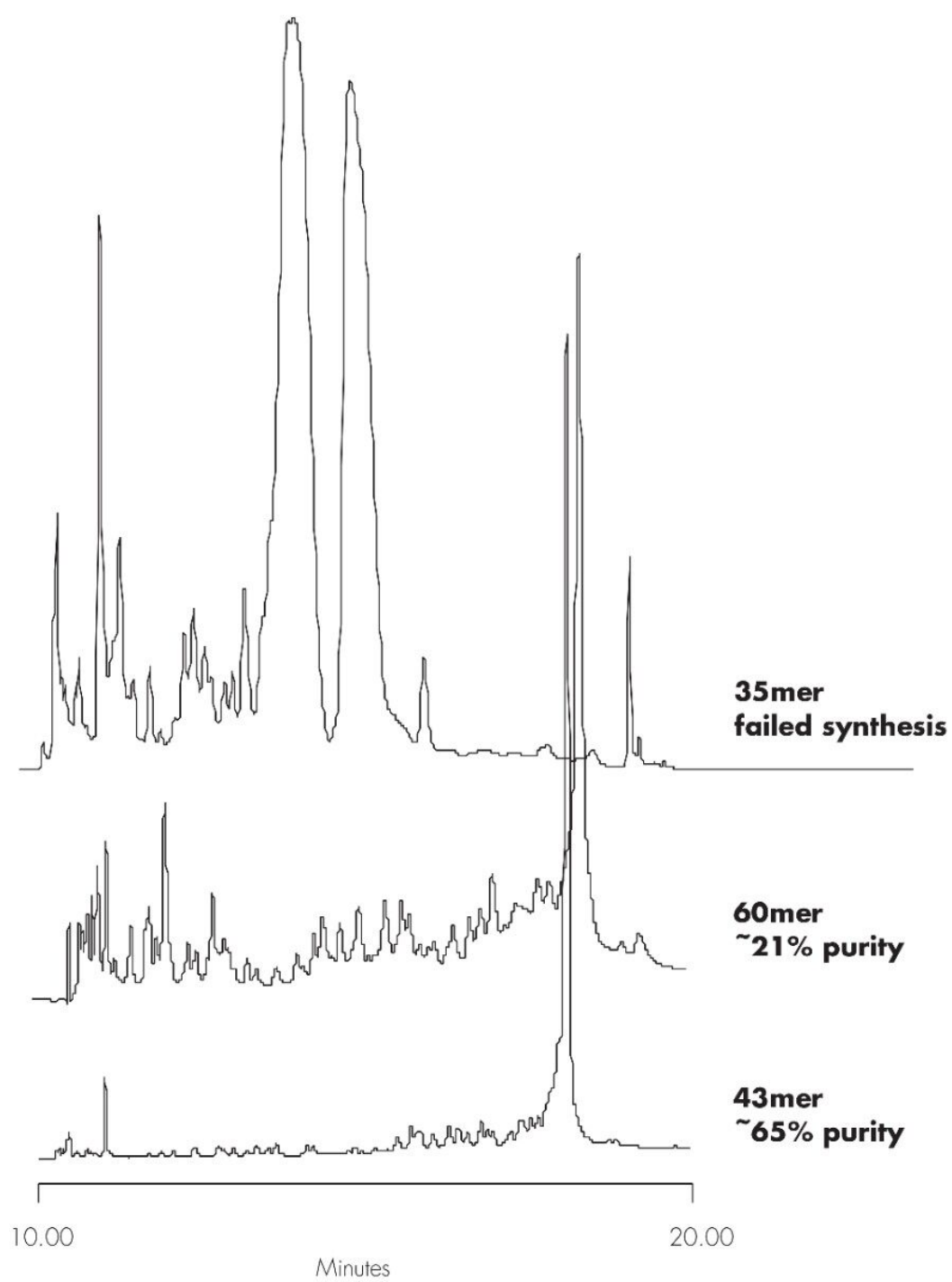
Column:	Xterra MS C ₁₈ 4.6 x 50 mm, 2.5 μm
Part number:	186000602
Mobile phase A:	5% ACN, 95% 100 mM Triethylammonium acetate, pH 7.0
Mobile phase B:	20% ACN, 80% 100 mM Triethylammonium acetate, pH 7.0
Flow rate:	1.0 mL/min
Injection volume:	0.6 μL
Temperature:	60 °C
Detection:	UV @ 260 nm
Instrument:	Alliance 2695, 2996 PDA

Gradient

Time(min)	Profile
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	%A	%B
0.0	90.7	9.3
20.8	56.0	44.0

Results and Discussion



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Alliance HPLC System <<https://www.waters.com/534293>>

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