

Application Note

25mer Oligonucleotide Purification (0.5 μ mole scale)

Waters Corporation



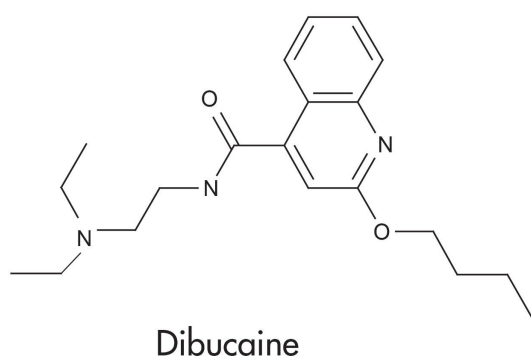
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief highlights the oligonucleotide purification using XTerra C₁₈ columns.

Introduction

25mer oligonucleotide has been analyzed in this application brief.



Experimental

HPLC Method

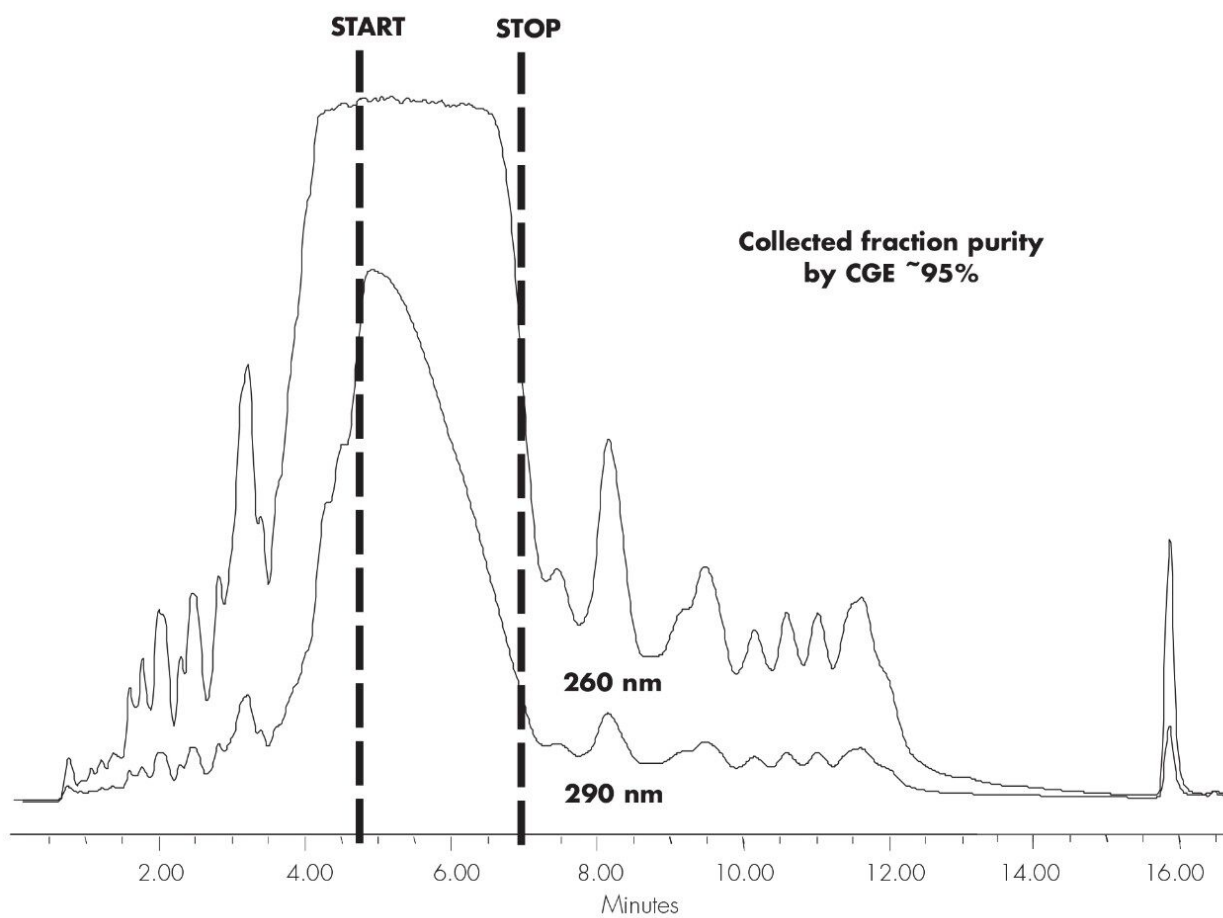
Column:	XTerra MS C ₁₈ 4.6 x 50 mm, 2.5 μm (p/n: 186000602)
Mobile phase A:	5% ACN, 95% 100 mM Triethylammonium acetate, pH 7.0
Mobile phase B:	30% ACN, 70% 100 mM Triethylammonium acetate, pH 7.0
Flow rate:	1.0 mL/min

Injection volume: 80 μ L
Temperature: 60°C
Detection: UV @ 260 nm
Instrument: Alliance 2695, 2996 PDA

Gradient

Time (min)	%A	%B
0	80	20
15	42.5	57.5

Results and Discussion



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