



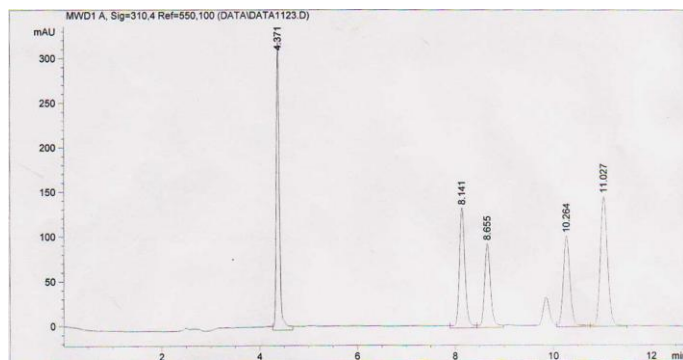
Faster Separation of Sunscreen Reagents by Using Prestige™ column

Orochem Technologies Inc.

The UV absorbers used in sunscreen formulations are typically aromatic compounds conjugated with a carbonyl group. The UV absorbers used in sunscreen formulations can be classified as either UVA or UVB, and here we have analyzed both types.

A key advantage of using Prestige C18 columns for analysis of sunscreen reagents is the runtime. The runtime when using the Prestige C18 HPLC column is nearly half of that when using competitive HPLC columns, saving time and solvent. Also, the separation is done isocratically, facilitating system-to-system transfer.

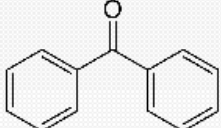
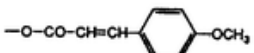
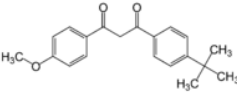
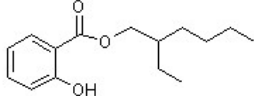
Column: Prestige C18 5um 250 x 4.6mm



Courtesy of Alberto Culver

Mobile Phase: 88/12/0.1 (Acetonitrile/Water/TFA)
Method: Isocratic
Flow Rate: 1.0 ml/min
Detection: UV, 310nm
Injection volume: 10µl

Peaks

Benzo- Phenone	
Octyl methoxy cinnamate	
Avo-benzone	
Ethyl Hexyl salicylate = Octisalate	
Homosalate	