



Water Soluble Artificial Colors

Conditions

Column: ACE 3 C18, 100 x 4.6mm
Part Number: ACE-111-1046
Mobile Phase: A. 3mM TBAB¹ and 5mM
KH₂PO₄ in H₂O
B: 5mM TBAB in MeOH

Flow Rate: 0.8ml/min

Gradient:	T(mins)	%A	%B
	0	55	45
	20	30	70
	30	55	45
	40	55	45

Temperature: Ambient

Detection: UV/VIS, 420nm, 520nm and 600nm

Injection Volume: 10µl

¹ Tetrabutylammonium bromide

Compounds

1. Amaranth
2. Sunset Yellow
3. Allura Red
4. Red 2G
5. Ponceau 4R
6. Carmoisine
7. Erythrosine

