



## Artificial Food Colors

### Conditions

Column: ACE 3 C18, 100 x 4.6mm  
Part Number: ACE-111-1046  
Mobile Phase: A. 3.1mM TBAB<sup>1</sup> and 5mM  
KH<sub>2</sub>PO<sub>4</sub> in H<sub>2</sub>O  
B: 5mM KH<sub>2</sub>PO<sub>4</sub> in MeOH

Flow Rate: 0.8ml/min

Gradient:	T(mins)	%A	%B	Curve
	0	55	45	
	12	40	60	6
	25	55	45	1

Temperature: Ambient

Detection: UV/VIS, 480nm

Injection Volume: 10µl

<sup>1</sup> Tetrabutylammonium bromide

### Compounds

1. Tartrazine
2. Amaranth
3. Sunset Yellow
4. Ponceau 4R

