



1. Tartrazine
(FD&C Yellow No.5, C.I.19140, Y-4)
2. Amaranth
(C.I.16185, R-2)
3. Indigo Carmine
(FD&C Blue No.2, C.I.73015, B-2)
4. New Coccine
(C.I.16255, R-102)
5. Sunset Yellow FCF
(FD&C Yellow No.6, C.I.15985, Y-5)
6. Fast Green FCF
(FD&C Green No.3, C.I.42053, G-3)
7. Brilliant Blue FCF
(FD&C Blue No.1, C.I.42090, B-1)
8. Erythrosine
(FD&C Red No.3, C.I.45430, R-3)
9. Acid Red
(C.I.45100, R-106)
10. Phloxine
(C.I.45410, R-104)
11. Rose Bengale
(C.I.45440, R-105)

Column : YMC-Pack ODS-A (5 μ m, 12nm)
 150 \times 4.6 mm I.D.
 Eluent : A) 10mM $\text{NH}_4\text{H}_2\text{PO}_4$ - $(\text{NH}_4)_2\text{HPO}_4$ (pH 6.0)/methanol (90/10)
 B) 10mM $\text{NH}_4\text{H}_2\text{PO}_4$ - $(\text{NH}_4)_2\text{HPO}_4$ (pH 6.0)/methanol (20/80)
 0-100%B (0-40min, linear), 100%B (40-60min)
 Flow rate : 1.0 mL/min
 Temperature : 30 $^\circ\text{C}$
 Detection : UV at 254 nm, 0.32 AUFS
 Injection : 100 μL (5 $\mu\text{g/mL}$)