

**CHROMATOGRAPHIC CONDITIONS:****ASSAY**

Column No: 100 Type of Column: Waters Xterra C18  
Column Temp (°C): 40  
Detection  $\lambda$  (nm): 254 Injection Vol ( $\mu$ L): 20

Mobile Phase: Composition (% v/v) & Ratios

H2O : ACN : TEA Flow Rate (mL/min): 1.5  
1598 : 400 : 2 Pump Pressure (bars): 114 - 124  
pH 5.9

**DISSOLUTION**

Column No: 0 Type of Column: \_\_\_\_\_  
Column Temp (°C): 0  
Detection  $\lambda$  (nm): \_\_\_\_\_ Injection Vol ( $\mu$ L): \_\_\_\_\_

Mobile Phase: Composition (% v/v) & Ratios

\_\_\_\_\_ Flow Rate (mL/min): \_\_\_\_\_  
\_\_\_\_\_ Pump Pressure (bars): \_\_\_\_\_  
\_\_\_\_\_

**REFERENCE SUBSTANCES:**

| NO | Reference Substances/Related Substances | NQCL Code/Batch | Purity (%) |
|----|---|-----------------|------------|
| 1. | Trimethoprim                            | VWS/135/15      | 99.3       |
| 2. | Sulfamethoxazole                        | WRS-S11/05      | 99.9       |
| 3. |   |                 |            |
| 4. |   |                 |            |
| 5. |   |                 |            |