



### SPECIFICATION SHEET

**Product Name** : Methyl blue, (C.I.42780) for microscopy  
**Product Number** : 947.D01  
**Brand** : ISOLAB  
**CAS Number** : 28983-56-4  
**Formula** :  $C_{37}H_{27}N_3Na_2O_9S_3$   
**Formula Weight** : 799.81 g/mol

| TEST NAME                            | SPECIFICATION                              | UNIT |
|--------------------------------------|--|------|
| Appearance                           | Dark blue to dark brown powder or crystals |      |
| Absorption maxima in 0.005M, HCl     | 595 - 605 nm                               | nm   |
| Specific absorptivity in 0.005M, HCl | 675 - 1125                                 |      |
| Loss on drying (110°C)               | ≤ 7 %                                      | %    |
| Suitability for microscopy           | passes test                                |      |

Quality Management  
Isolab Laborgerate GmbH

