

TIQ-F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Aniline Blue (Water soluble)(C.1.42780) for microscopy

Catalog Number : T-8030

Batch Number : 8030-00000000

CAS Number : 28983-56-4

Molecular Weight : 799.80 g/mol

Mol. Formula : $C_{37}H_{27}N_3Na_2O_9S_3$

Expire Date : 60 months



| No | Test | Specifications | Results |
|----|------------------------------------|--|-------------------|
| 1 | Appearance | Dark blue to dark brown powder or crystals | Dark brown powder |
| 2 | Absorption maxima (in 0.005 M HCl) | 595 - 610 nm | 598 nm |
| 3 | Ratio λ max P+/- 15 nm | 0.96 - 1.09 | 1.01 |
| 4 | Loss on drying (at 110 °C) | max 5.0 % | 4.68% |
| 5 | Suitability for microscopy | passes test | passes |

LABOTIQ In-house product specification, referenced to for Microscopy grade



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Manager QC