



Version
Molecular weight
Molecular Formula
CAS No
Linear Formula
Flash Point (°C)

00
538.61
C25 H27 N2 Na O6 S2
2650-17-1

Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

| | | | |
|------------------------------|------------------------|------------------------------------|------------|
| Catalog Number | 44070 | Quality Test / Release Date | 05/19/2023 |
| Lot Number | A0453301 | Suggested retest date | 05/19/2028 |
| Description | Xylene cyanol FF, ~75% | | |
| Country of Origin | INDIA | | |
| Declaration of Origin | synthetic | | |

| | |
|-----------------|--|
| BSE/TSE | |
| Chemical | |

| Result name | Specifications | Test Value |
|--------------------|-----------------------------------------|-----------------------------------------|
| Appearance (Color) | Blue-grey to green | Green |
| Appearance (Form) | Powder | Powder |
| Infrared spectrum | Conforms | Conforms |
| Dye content | ≥70 % | 76.9 % |
| UV Lambda max | 612 to 616 nm | 614 nm |
| Solubility | (0.1% in water) Dark blue | (0.1% in water) Dark blue |
| Loss on drying | ≤5 % (105°C) | 3.7 % (105°C) |
| Suitability | (as track. dye for DNA seq) Passes test | (as track. dye for DNA seq) Passes test |

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