

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2025-04-08 19:11:19
Date of Next Testing: 2029-04-07 19:11:19
Product Name: **Nitrazine yellow**
CAS Number: 5423-07-4
Specifications & Purity: indicator
Lot #: D2508022
SKU #: **N105017**
Version: **1**
Analysis #: **377996**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|---|---------------------------------|---------------------------------|
| Carbon by Elemental Analysis | 29.7-41.1 (%) | 32.80100 % |
| Nitrogen by Elemental Analysis | 8.6-12 (%) | 9.67400 % |
| Extinction Coefficient(c = 0.01 g/l; 0.1N NAOH)(587 - 591nm) | ≥35000 | 38017.85631 |
| Appearance (N105017) | Brown to Very Dark Brown Powder | Brown to Very Dark Brown Powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| PH Transition interval,5.0(yellow)~7.2(Purple) | Conforms | Conforms |
| Solubility in H2O , Yellow-Brown to Red-Brown to Brown, Clear, 1mg/ml | pass | Pass |



John Su
QA & QC Manager