

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

Certificate of Analysis

Date of Testing: 2022-03-21 15:18:12
Date of Next Testing: 2026-03-20 15:18:12
Product Name: **Nitrazine yellow**
CAS Number: 5423-07-4
Specifications & Purity: Indicator
Lot #: C2208139
SKU #: **N105017**
Analysis: **085018**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	29.7-41.1 (%)	33.37000 %
Nitrogen by Elemental Analysis	8.6-12 (%)	9.76000 %
Extinction Coefficient(c = 0.01 g/l; 0.1N NAOH)(587 - 591nm)	≥35000	41707.48400
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