

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	29.7-41.1 (%)	33.37%
Nitrogen by Elemental Analysis	8.6-12 (%)	9.76%
Extinction Coefficient(c = 0.01 g/l; 0.1N NAOH)(587 - 591nm)	≥35000	41707.48
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