

Certificate of Analysis

Date of Testing: 2022-02-19 13:40:39

Date of Next Testing: 2026-02-18 13:40:39

Product Name: **Nitrazine yellow**

CAS Number: 5423-07-4

Specifications & Purity: Indicator

Lot #: D1803157

SKU #: **N105017**

Analysis: **075568**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	29.7-41.1 (%)	33.38 %
Nitrogen by Elemental Analysis	8.6-12 (%)	9.78 %
Extinction Coefficient(c = 0.01 g/l; 0.1N NAOH)(587 - 591nm)	≥35000	41707.49
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 H ₂ O , Yellow-Brown to Red-Brown to Brown, Clear, 1mg/ml	pass	Pass



John Su
QA & QC Manager