

Certificate of Analysis

Date of Testing: 2023-07-19 11:26:33

Date of Next Testing: 2027-07-18 11:26:33

Product Name: **Nitrazine yellow**

CAS Number: 5423-07-4

Specifications & Purity: Indicator

Lot #: G2312909

SKU #: **N105017**

Analysis: 237674

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	29.7-41.1 (%)	30.96 %
Nitrogen by Elemental Analysis	8.6-12 (%)	8.99 %
Extinction Coefficient(c = 0.01 g/l; 0.1N NAOH)(587 - 591nm)	≥35000	37205.90
Appearance (N105017)	Brown to Very Dark Brown Powder	Brown to Very Dark Brown Powder
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
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager