

## Certificate of Analysis

Date of Testing: 2023-09-07 09:58:36  
Date of Next Testing: 2025-08-27 09:58:36  
Product Name:  **$\alpha$ -Naphtholphthalein**  
CAS Number: 596-01-0  
Specifications & Purity: indicator  
Lot #: D1812068  
SKU #: N111089  
Analysis: 272511

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97-100 (%)	98.50 %
Purity(HPLC)	97-100 (%)	97.63000 %
Absorbance(10 mg/L, pH 9.2)	$\geq 0.68$	0.68
Appearance (N111089)	Light Pink to Beige to Red-Brown Powder	Light Pink to Beige to Red-Brown Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Light Red-Orange to Red-Brown ,Clear ,200 mg +4 ml	pass	Pass
pH 7.0(pinkbrownish)-pH 8.6 (blue)	Conforms	Conforms



John Su  
QA & QC Manager