

Certificate of Analysis

Date of Testing: 2022-04-25 10:33:30

Date of Next Testing: 2026-04-24 10:33:30

Product Name: **4-Chloro-3-nitrotoluene**

CAS Number: 89-60-1

Specifications & Purity: 97%

Lot #: F1419059

SKU #: **C121709**

Analysis: **087209**

Parameter	Limit Values	Result
Density (20°C)	1.307-1.31	1.31
Refractive index n ₂₀ /D	1.557-1.558	1.56
Purity(GC)	97-100 (%)	97.50 %
Appearance (C121709)	Yellow to dark brown liquid	Yellow to dark brown liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager