

Certificate of Analysis

Date of Testing: 2023-02-14 11:53:28

Date of Next Testing: 2027-02-13 11:53:28

Product Name: **4-Heptanol**

CAS Number: 589-55-9

Specifications & Purity: >97.0%(GC)

Lot #: B2307285

SKU # **H156873**

Analysis: 119079

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.85 %
Refractive index n ₂₀ /D	1.418-1.421	1.42
Density (20°C)	0.818-0.821	0.82
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager