

Certificate of Analysis

Date of Testing: 2023-08-01 09:28:45

Date of Next Testing: 2027-07-31 09:28:45

Product Name: **Ethyl 5-Bromovalerate**

CAS Number: 14660-52-7

Specifications & Purity: >97.0%(GC)

Lot #: G2318071

SKU #: **E156150**

Analysis: **260319**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.458-1.46	1.46
Purity(GC)	97-100 (%)	98.29 %
Appearance (E156150)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager