

Certificate of Analysis

Date of Testing: 2022-10-20 13:39:26

Date of Next Testing: 2023-10-20 13:39:26

Product Name: **Acetoin**

CAS Number: 513-86-0

Specifications & Purity: analytical standard , monopolymer

Lot #: L2122042

SKU #: **A109411**

Analysis: **146421**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.417-1.422	1.42
Purity(GC)	98-100 (%)	98.23 %
Appearance (A109411)	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