

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-27 15:42:09
Date of Next Testing: 2028-01-26 15:42:09
Product Name: **4-Hydroxy-2-butanone**
CAS Number: 590-90-9
Specifications & Purity: $\geq 95\%$
Lot #: A2419373
SKU #: **H106330**
Version: **2**
Analysis #: **312625**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.023-1.026	1.02400
Refractive index n ₂₀ /D	1.4265-1.4325	1.43070
Purity(GC)	95-100 (%)	96.48400 %
Appearance (H106330)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager