

Certificate of Analysis

Date of Testing: 2025-06-26 16:24:22
Date of Next Testing: 2028-06-25 16:24:22
Product Name: **2-Hydroxypentanoic acid**
CAS Number: 617-31-2
Specifications & Purity: $\geq 98\%$
Lot #: F2525341
SKU #: **H690620**
Version: **3**
Analysis #: **519985**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific rotation $[\alpha]_{20/D(c=0.2 \text{ in H}_2\text{O})}$	-2~2 (°)	-1.79°
Assay(Titration by NaOH)	97.5-102.5 (%)	97.64%
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(H690620)	White to off-white (Solid)	White to off-white (Solid)



John Su
QA & QC Manager