

Certificate of Analysis

Date of Testing: 2025-06-26 16:26:14

Date of Next Testing: 2028-06-25 16:26:14

Product Name: **2-Hydroxypentanoic acid**

CAS Number: 617-31-2

Specifications & Purity: $\geq 98\%$

Lot #: F2525344

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)



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QA & QC Manager