

Certificate of Analysis

Date of Testing: 2024-07-11 10:01:29

Date of Next Testing: 2028-07-10 10:01:29

Product Name: **(R)-2-Hydroxy-4-phenylbutyric Acid**

CAS Number: 29678-81-7

Specifications & Purity: >98.0%

Lot #: I2018189

SKU #: **R160938**

Version: **0**

Analysis #: **385176**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.40000 %
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	-10--7 (°)	-9.20 °
Melting point	115-119 (°C)	116.70000 °C
Purity(Titration by 0.1M NaOH)	97.5-102.5 (%)	98.00 %
Appearance (R160938)	White Powder, Crystals, Fibers, Flakes, or Solid	White Powder, Crystals, Fibers, Flakes, or Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager