

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-29 15:48:56
 Date of Next Testing: 2026-12-28 15:48:56
 Product Name: **(R)-2-Hydroxy-4-phenylbutyric Acid**
 CAS Number: 29678-81-7
 Specifications & Purity: $\geq 98\%$
 Lot #: L2216576
 SKU #: **R160938**
 Version: **0**
 Analysis #: **153099**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.32300 %
Melting point	115-119 (°C)	116.93000 °C
Purity(Titration by 0.1M NaOH)	97.5-102.5 (%)	99.60000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$	-10--7 (°)	-7.03900 °
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