

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-28 11:14:44
Date of Next Testing: 2025-03-27 11:14:44
Product Name: **5-Benzyl-D-Glutamate**
CAS Number: 2578-33-8
Specifications & Purity: $\geq 98.0\%$ (HPLC)
Lot #: C23151115
SKU #: **B136140**
Analysis: **044737**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.93100%
Purity(Neutralization titration)	98-100 (%)	98.78%
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in } 1\text{mol/L HCl})}$	-31--25 (°)	-27.64°
Melting point	167-178 (°C)	174.48000 °C
Appearance (B136140)	white to off-white powder or flakes	white to off-white powder or flakes
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager