

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-12 16:42:12

Date of Next Testing: 2026-06-11 16:42:12

Product Name: (1R,2R)-1,2-bis(4-chlorophenyl)ethane-1,2-diamine

CAS Number: 822519-90-4

Specifications & Purity: $\geq 97\%$ (HPLC), $\geq 99\%$ (ee)

Lot #: F2306363

SKU #: R400889

Version: 1

Analysis #: 216034

Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.10000 %
Enantiomeric Excess	99-100 (%)	99.10000 %
Appearance(R400889)	White to pale yellow solid	white to pale yellow solid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager