

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-16 14:07:36

Date of Next Testing: 2025-11-15 14:07:36

Product Name: (R)-(-)- α -[[[4-Ethyl-2,3-dioxo-1-piperazinyl) carbonyl]amino]-4-hydroxybenzeneacetic acid

CAS Number: 62893-24-7

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: B2210239

SKU #: I133960

Version: 0

Analysis #: 296098

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.85000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-90--80 ($^{\circ}$)	-85.09500 $^{\circ}$
Appearance (I133960)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager