

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-11 16:23:46
 Date of Next Testing: 2027-10-10 16:23:46
 Product Name: **Ethyl 4-hydroxycyclohexanecarboxylate**
 CAS Number: 17159-80-7
 Specifications & Purity: $\geq 97\%$, mixture of cis and trans
 Lot #: J2309681
 SKU #: **E102127**
 Version: **0**
 Analysis #: **217277**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.4635-1.4685	1.46430
Purity(GC)(as a mixture of isomers)	97-100 (%)	97.78400 %
Appearance (E102127)	Colorless to pale yellow to black Liquid	Colorless to pale yellow to black Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager