

## Certificate of Analysis

Date of Testing: 2023-09-14 15:03:23  
 Date of Next Testing: 2027-09-13 15:03:23  
 Product Name: **Cyclohexane**  
 CAS Number: 110-82-7  
 Specifications & Purity: for pesticide residue analysis  
 Lot #: I2301046  
 SKU #: **C100586**  
**Analysis:** **265751**  
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.02 (%)	0.01 %
Evaporation Residue	0-2 (ppm)	0.00 ppm
Purity(GC)	99.9-100 (%)	99.96 %
UV Absorbance 202nm	0-1(AU)	0.70500 AU
UV Absorbance 205nm	0-0.88(AU)	0.61300 AU
UV absorbance 210nm	≤0.67(AU)	0.44900 AU
UV Absorbance 240nm	≤0.05 (AU)	0.02600 AU
UV absorbance 254nm	≤0.01 (AU)	0.00900 AU
GC-ECD Respoinsive residue(single peak,as Heptachlor Epoxide	0-10 (ng/L)	9.00 ng/L
GC-FID Respoinsive residue(single peak,as 2-Octanol)	0-10 (ppb)	9.00000 ppb
Appearance (C100586)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager