

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek. Certificate Number. 2317548

Catalogue Number	40602
Lot Number	A0462886
Description	Cyclohexane,99+%,for spectroscopy ACS,meets the requirements of Reag.Ph.Eur.
CAS Number	110-82-7
Quality Test/Release Date	24/May/2025
Suggested retest date	24/May/2027
Country of Origin	UNITED KINGDOM
Declaration of Origin	synthetic
BSE/TSE	Not directly derived from or manufactured with any animal byproducts in any way (Including but not limited to fermentation or nutrient broth, catalysts, enzymes).

Result Name	Units	Specifications	Test Value
Appearance (Form)		Clear liquid	Clear liquid
Color scale	APHA	=<10	=<10
GC	%	>=99.0	99.8
Water	%	=<0.02 (Coulometric)	0.0028 (Coulometric)
Density		(20/20°C) 0.779 to 0.780	(20/20°C) 0.779
Boiling point		79°C to 81°C	79°C to 81°C
UV		at 210 nm A: =<1	at 210 nm A:0.2646
UV		at 220 nm A: =<0.35	at 220 nm A:0.087
UV		at 235 nm A: =<0.16	at 235 nm A:0.16
UV		at 240 nm A: =<0.05	at 240 nm A:0.0085
UV		at 250 nm A: =<0.01	at 250 nm A:0.0024
UV		at 300 nm A: =<0.01	at 300 nm A:0.0055
Residue after evaporation	%	=<0.002	=<0.002
Substance darkened by H2SO4		passes test	passes test

Geert Torfs  
Supervisor, QC

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.