



**Scharlab S.L.**

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## CERTIFICATE OF ANALYSIS

Product: **Cyclohexane, Multisolvent<sup>®</sup> HPLC grade ACS ISO**  
**CI0039** UV-VIS

Batch 12789006  
Test date 18/07/2011  
Shelf life 7/2016

Analysis	Batch value	Guaranteed value
assay (G.C.)	99,95 %	min. 99,9 %
identity (IR-spectrum)	passes test	passes test
density (20°/4°)	0,7785	0,776 - 0,780
appearance	clear	clear
colour (Hazen)	7	max. 10
melting point	> 6,0 °C	min. 6,0 °C
acidity	0,00002 meq/g	max. 0,0003 meq/g
aluminium (Al)	< 0,00001 %	max. 0,00001 %
barium (Ba)	< 0,000001 %	max. 0,000001 %
boron (B)	< 0,000002 %	max. 0,000002 %
cadmium (Cd)	< 0,000001 %	max. 0,000001 %
calcium (Ca)	< 0,00003 %	max. 0,00003 %
chromium (Cr)	< 0,000002 %	max. 0,000002 %
cobalt (Co)	< 0,000002 %	max. 0,000002 %
copper (Cu)	< 0,000002 %	max. 0,000002 %
iron (Fe)	< 0,000002 %	max. 0,000002 %
lead (Pb)	< 0,00001 %	max. 0,00001 %
magnesium (Mg)	< 0,00001 %	max. 0,00001 %
manganese (Mn)	< 0,000001 %	max. 0,000001 %
nickel (Ni)	< 0,000002 %	max. 0,000002 %
tin (Sn)	< 0,00001 %	max. 0,00001 %
zinc (Zn)	< 0,000001 %	max. 0,000001 %
aromatics (as benzene)	< 0,001 %	max. 0,001 %
cyclohexene (G.C.)	0,001 %	max. 0,05 %
ethanol (G.C.)	0,001 %	max. 0,01 %
substances darkened by H <sub>2</sub> SO <sub>4</sub>	passes test	passes test
non-volatile matter	0,0002 %	max. 0,0002 %
water (K.F.)	0,005 %	max. 0,01 %

liquid chromatography suitability

absorbance	passes test	passes test
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min. transmission/max. absorbance

in a 1,0 cm cell at

wavelength:	T(%)	A (AU)	T(%)	A (AU)
208 nm	20 %	0,699 AU	20 %	0,699 AU
223 nm	61 %	0,216 AU	50 %	0,301 AU
232 nm	83 %	0,081 AU	80 %	0,097 AU
240 nm	93 %	0,032 AU	90 %	0,046 AU
250 nm	98 %	0,009 AU	98 %	0,009 AU

This certificate does not release the user from the reception control .

This certificate is an electronic copy of the certificate available in our laboratory, and does not require signature

If you need further details, please call at our factory or contact our local distributor.

You can get a copy of any of our COA from our web site: [www.scharlau.com](http://www.scharlau.com)

## Scharlab S.L. - Certificate of Analysis

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**Product name:** Cyclohexane, Multisolvent® HPLC grade ACS ISO UV-VIS

**Batch:** 12789006

**Product code:** CI0039

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**Analysis**

**Batch value**

**Guaranteed value**

Microfiltered through membranes  
of pore diameter 0,22 µm

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