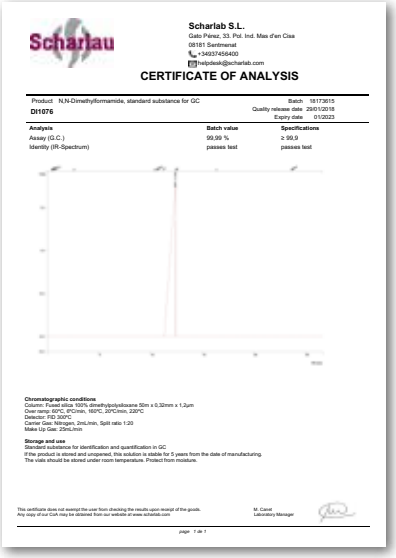
PRODUCT INFO

Standard substances for GC

Scharlab
THE LAB SOURCING GROUP

Scharlau
The wise choice



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CERTIFICATE OF ANALYSIS

Product N,N-Dimethylformamide, standard substance for GC
DI1076

Batch 18173615
Quality release date 29/01/2018
Expiry date 01/2023

Analysis	Batch value	Specifications
Assay (G.C.)	99,99 %	≥ 99,9
Identity (IR-Spectrum)	passes test	passes test

Chromatographic conditions
Column: Fused silica 100% dimethylpolysiloxane 50m x 0,32mm x 1,2µm
Oven ramp: 60ºC, 8ºC/min, 160ºC, 20ºC/min, 230ºC
Detector: FID 300ºC
Carrier Gas: Nitrogen, 2mL/min, Split ratio 1:20
Make Up Gas: 25mL/min

Storage and use
Standard substance for identification and quantification in GC
If the product is stored and unopened, this solution is stable for 5 years from the date of manufacturing.
The vials should be stored under room temperature. Protect from moisture.

This certificate does not exempt the user from checking the results upon receipt of the goods.
Any copy of our CoA may be obtained from our website at www.scharlab.com

M. Canet
Laboratory Manager

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Gas Chromatography is a widely used technique for analytical purposes, thanks to its excellent product separation capacity and its high sensitivity. To get proper identification and quantification of the analysed compounds, reference GC standards are needed.

Scharlab offers its GC reference standards brand:

- Bottled in amber glass vials, equipped with a screw top for better conservation
- Certificate of Analysis, including the real chromatogram with the corresponding analysis conditions
- High purity, generally over 99.5%
- Apart from some exceptions, all of them are synthetic solvents, ensuring the absence of isomers
- Bottled under inert atmosphere

Art. No.	Description
ET00320005	Ethanol, standard substance for GC
ET00730005	Diethyl ether, standard substance for GC
PE01020005	Pentane, standard substance for GC
CL03300005	Dichloromethane, standard substance for GC
ME05580005	Tert-Buthyl methyl ether, standard substance for GC
AC02080005	Methyl acetate, standard substance for GC
HE02410005	Hexane, standard substance for GC
TE02340005	Tetrahydrofurane, standard substance for GC
CL01990005	Chloroform, standard substance for GC
AC01380005	Ethyl acetate, standard substance for GC
ME04550005	Ethyl methyl ketone, standard substance for GC
BE00390005	Benzene, standard substance for GC
CI00380005	Cyclohexane, standard substance for GC
AL03090005	2-Propanol, standard substance for GC
DI04120005	1,2-Dichloroethane, standard substance for GC
HE01380005	Heptane, standard substance for GC
AL04390005	1-Propanol, standard substance for GC
AL01810005	2-Butanol, standard substance for GC
DI12980005	1,4-Dioxane, standard substance for GC

Art. No.	Description
AL02960005	Isobutanol, standard substance for GC
TO00690005	Toluene, standard substance for GC
PI01270005	Pyridine, standard substance for GC
AL01710005	1-Butanol, standard substance for GC
AC01710005	Isobutyl Acetate, standard substance for GC
AC00910005	n-Butyl acetate, standard substance for GC
CL01130005	Chlorobenzene, standard substance for GC
ET01810005	Ethylene glycol monoethyl ether, standard substance for GC
AL01260005	n-Amyl alcohol, standard substance for GC
DI10760005	N,N-Dimethylformamide, standard substance for GC
AN04010005	Anisole, standard substance for GC
DI08580005	N,N-Dimethylacetamide, standard substance for GC
SU01670005	Dimethyl sulfoxide, standard substance for GC
ME04920005	1- Methyl-2-Pyrrolidone, standard substance for GC
TE02410005	1,2,3,4-Tetrahydronaphthalene, standard substance for GC
XI00530005	Xylene, standard substance for GC
XI00260005	o-Xylene, standard substance for GC
ET01130005	Ethyl Benzene, standard substance for GC

➜ 5 ml packaging

Standard substances for GC

Scharlab has a vast range of GC solvents for different purposes

Solvents for GC Residue Analysis

Art. No.	Description
AC0148	Ethyl acetate, for GC residue analysis
AC0308	Acetone, for GC residue analysis
AC0338	Acetonitrile, for GC residue analysis, suitable for QuEChERS
AL0319	2-Propanol, for GC residue analysis
CI0035	Cyclohexane, for GC residue analysis
CL0208	Chloroform, for GC residue analysis, stabilized with ethanol
CL0340	Dichloromethane, for GC residue analysis, stabilized with ethanol
CL0345	Dichloromethane, for GC residue analysis, stabilized with approx. 50 ppm of amylene
DI1068	N,N-Dimethylformamide, for GC residue analysis

Art. No.	Description
ET0098	Petroleum ether, boiling range 40 - 60 °C, for GC residue analysis
HE0223	Hexane, fraction from petroleum, for GC residue analysis
HE0238	n-Hexane, 96%, for GC residue analysis
IS0157	2,2,4-Trimethylpentane, for GC residue analysis
ME0318	Methanol, for GC residue analysis
ME0553	tert-Butyl methyl ether, for GC residue analysis
PE0099	n-Pentane, 99%, for GC residue analysis
SO0670	Sodium sulfate anhydrous, for GC residue analysis
TO0081	Toluene, for GC residue analysis

Solvents for GC Ultratrace Analysis

Art. No.	Description
AC0149	Ethyl acetate, GC ultra-trace analysis grade
AC0309	Acetone, GC ultra-trace analysis grade
CI0036	Cyclohexane, GC ultra-trace analysis grade
CL0341	Dichloromethane, GC ultra-trace analysis grade
ET0099	Petroleum ether, boiling range 40 - 60 °C, GC ultra-trace analysis grade

Art. No.	Description
HE0239	n-Hexane, 96%, GC ultra-trace analysis grade
ME0319	Methanol, GC ultra-trace analysis grade
PE0100	n-Pentane, 99%, GC ultra-trace analysis grade
TO0082	Toluene, GC ultra-trace analysis grade

Solvents for GC-HeadSpace

Art. No.	Description
AG0014	Water, for GC-HS
DI0862	N,N-Dimethylacetamide, for GC-HS
DI1074	N,N-Dimethylformamide, for GC-HS

Art. No.	Description
ME0503	1-Methyl-2-Pyrrolidone, for GC-HS
SU0165	Dimethylsulfoxide, for GC-HS

➜ References available in different packagings

Find more information here:

PI-STANDGC