DASITGROUP | CARLO ERBA REAGENTS

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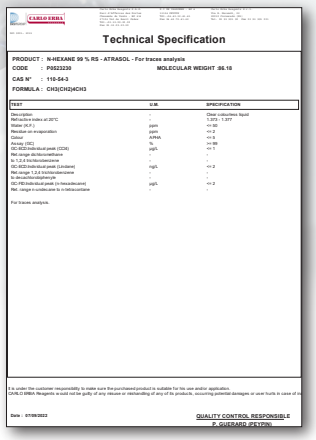
ATRASOL® SOLVENTS

Rigorous gas chromatographic controls and extreme operation accuracy in both production and packaging make these the best-suited solvents in gas chromatography for all determinations of traces of organics requiring extreme precision and sensitivity.

High purity, guaranteed absence of extraneous peaks in gas chromatographic determinations and guarantee of reproducibility and repeatability of the results are the main feature of this product line.

For the entire ATRASOL® line, the absence of critical impurities is ensured by means of precise functionality tests in GC-ECD, GC-FID and GC-NPD.

- GC-ECD (retention range 1,2,4-Trichlorobenzene to dichloromethane individual signals (Carbon tetrachloride standard)): <1µg/ml
- GC-NPD (retention range Atrazin to Coumaphos individual signals (Ethylparathion standard)): <3µg/ml
- GC-FID (retention range before DMF individual signals (hexane standard)): <2µg/ml
- GC-FID (retention range before DMSO individual signals (hexane standard)): <2µg/ml



Technical Specification

PRODUCT : N-HEXANE 99 % RS - ATRASOL - For traces analysis
CODE : P0523216 MOLECULAR WEIGHT : 86.18
CAS N° : 110-54-3
FORMULA : CH3(CH2)4CH3

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Density at 20 deg.C	-	0.659 - 1.377
Water (K.F.)	ppm	<= 50
Residue on evaporation	ppm	<= 2
Colour	APHA	<= 5
Assay (GC)	%	>= 99
GC-ECD individual peak (CCl4)	µg/L	<= 1
Ref.range dichloromethane	-	-
1,2,4 trichlorobenzene	-	-
GC-ECD individual peak (Lindane)	ng/L	<= 2
Ref.range 1,2,4 trichlorobenzene	-	-
to decachlorodiphenyle	-	-
GC-FID individual peak (n-tetradecane)	µg/L	<= 2
Ref. range n-undecane to n-nitrosodiamine	-	-

For traces analysis.

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.
CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of

Date : 07/09/2022

QUALITY CONTROL RESPONSIBLE
P. GUERARD (PEYRIN)

Product	Pkg	Code
Acetone	1 l	P0053216
	2.5 l	P0053221
	4 l	P0053282
Chloroform stabilized with ethanol	1 l	P02432E16
	2.5 l	P02432E21
Dichloromethane stabilized with amylene	1 l	P02932A16
	2.5 l	P02932A21
	4 l	P02932A82
Dichloromethane stabilized with ethanol	1 l	P02932E16
	2.5 l	P02932E21
n,n-Dimethylformamide	1 l	P0343216
	2.5 l	P0343221
Dimethylsulphoxide	1 l	P0353216
	2.5 l	P0353221
Ethyl acetate	1 l	P0023216
	2.5 l	P0023221
n-Hexane 99%	1 l	P052323016
	2.5 l	P052323021
n-Hexane	1 l	P0523216
Suitable for Hydrocarbon index determination	2.5 l	P0523221
Isohexane	1 l	P6263216
Suitable for Hydrocarbon index determination	2.5 l	P6263221
Methanol	1 l	P0933216
	2.5 l	P0933221
n-Pentane 99%	1 l	P064323016
	2.5 l	P064323021
n-Pentane	1 l	P0643216
Suitable for Hydrocarbon index determination	2.5 l	P0643221
Petroleum ether 35 - 60°C	1 l	P0883216
Suitable for Hydrocarbon index determination	2.5 l	P0883221
Toluene	1 l	P0713216
	2.5 l	P0713221
	4 l	P0713282

Find our complete offer for Chromatography in our Chemicals catalog

DISTRIBUTOR FOR SWITZERLAND

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