

# Secondary Reference Standard for GC

**Product Catalogue 2020**

## Reference Standard for Gas Chromatography (Traceable to Pharmacopoeial Reference Standards)\*

**PureSolv** solvents from PureSynth are specially developed broad range of GC standards for various chromatographic and analytical applications.

Most of our GC standards are completely synthetic and typically over 99.5% pure by GC-FID. Identifications determined by GC-MS, FTIR and <sup>1</sup>H NMR and reported in the certificate of analysis of each manufactured lot.

**PureSolv** GC standards are traceable to the current lots of the United States Pharmacopeia (USP); or to European Pharmacopoeia (EP) and British Pharmacopoeia (BP) if available.

**PureSynth also providing support characterisation data along with CoA for each solvent with following parameters:**

- Purity by GC -FID
- Identification by GC-MS
- Identity - IR
- <sup>1</sup>H NMR spectrum
- Water (KF)
- Impurity profile

### Distinctive attribute and advantage:

- GC standards are used for the identification of unknown compounds, as standards in quantitative analysis and for the impurities and derivatives of known compounds.
- Highest quality for the widest range of applications.
- Analysis performed on instruments validated according to GMP using pharmacopeia monograph methods.
- Outstanding analytical capabilities from the basis for providing you with comprehensive quality information
- Virtually free from isomers
- Quality for reliable analysis



PureSynth Catalog #	CAS No.	Product Details	Pack Size
PSR28263	71-43-2	Benzene Standard for GC	100 ml
PSR28264	56-23-5	Carbon tetrachloride Standard for GC	100 ml
PSR28265	64742-49-0	Petroleum benzine (40-60°C) Standard for GC	100 ml
PSR28266	107-06-2	1,2-dichloroethane Standard for GC	100 ml
PSR28267	67-66-3	Chloroform Standard for GC	100 ml
PSR28268	67-56-1	Methanol Standard for GC	100 ml
PSR28269	110-82-7	Cyclohexane Standard for GC	100 ml
PSR28270	110-54-3	N-hexane Standard for GC	100 ml
PSR28271	110-86-1	Pyridine Standard for GC	100 ml
PSR28272	75-52-5	Nitromethane Standard for GC	100 ml
PSR28273	108-87-2	Methyl cyclohexane Standard for GC	100 ml
PSR28274	95-50-1	1,2-dichlorobenzene Standard for GC	100 ml
PSR28275	68-12-2	N, N -Dimethyl formamide Standard for GC	100 ml
PSR28276	110-54-3	Hexane (fraction) Standard for GC	100 ml

PureSynth Catalog #	CAS No.	Product Details	Pack Size
PSR28277	75-09-2	Dichloromethane Standard for GC	100 ml
PSR28278	108-88-3	Toluene Standard for GC	100 ml
PSR28279	95-47-6	o- Xylene Standard for GC	100 ml
PSR28280	126-33-0	Sulfolane Standard for GC	100 ml
PSR28281	107-21-1	Ethylene glycol Standard for GC	100 ml
PSR28282	108-90-7	Chlorobenzene Standard for GC	100 ml
PSR28283	106-42-3	p- Xylene Standard for GC	100 ml
PSR28284	108-38-3	m- Xylene Standard for GC	100 ml
PSR28285	127-19-5	N,N-dimethyl acetamide Standard for GC	100 ml
PSR28286	110-71-4	1,2-dimethoxy ethane Standard for GC	100 ml
PSR28287	75-05-8	Acetonitrile Standard for GC	100 ml
PSR28288	1330-20-7	Xylene Standard for GC	100 ml
PSR28289	123-91-1	1-4 dioxane Standard for GC	100 ml
PSR28290	872-50-4	N-Methyl-2-pyrrolidone (NMP) Standard for GC	100 ml
PSR28291	109-99-9	Tetrahydrofuran Standard for GC	100 ml
PSR28292	78-93-3	Methyl ethyl ketone (2-butanone) Standard for GC	100 ml
PSR28293	98-82-8	Cumene Standard for GC	100 ml
PSR28294	109-86-4	2-Methoxy Ethanol Standard for GC	100 ml
PSR28295	67-64-1	Acetone Standard for GC	100 ml
PSR28296	67-63-0	Isopropyl alcohol (2-propanol) Standard for GC	100 ml
PSR28297	141-78-6	Ethyl acetate Standard for GC	100 ml
PSR28298	64-17-5	Ethanol absolute Standard for GC	500 ml
PSR28299	71-43-2	1-propanol Standard for GC	100 ml
PSR28300	108-21-4	Isopropyl acetate Standard for GC	100 ml
PSR28301	67-68-5	Dimethyl sulfoxide Standard for GC	100 ml
PSR28302	71-36-3	n-Butanol Standard for GC	100 ml
PSR28303	64-19-7	Glacial Acetic Acid Standard for GC	100 ml
PSR28304	60-29-7	Diethyl ether Standard for GC	100 ml
PSR28305	121-44-8	Triethylamine Standard for GC	100 ml
PSR28306	79-20-9	Methyl acetate Standard for GC	100 ml
PSR28307	123-86-4	Butyl acetate Standard for GC	100 ml
PSR28308	78-92-2	2-Butanol Standard for GC	100 ml
PSR28309	110-19-0	Isobutyl Acetate Standard for GC	100 ml
PSR28310	1634-04-4	tert-Butylmethyl ether (MTBE) Standard for GC	100 ml
PSR28311	108-10-1	Methyl isobutyl ketone Standard for GC	100 ml
PSR28312	142-82-5	n-heptane Standard for GC	100 ml
PSR28313	109-66-0	n-Pentane Standard for GC	100 ml
PSR28314	109-94-4	Ethyl formate Standard for GC	100 ml



**GC Reference Standards with complete characterization data**

PureSynth Catalog #	CAS No.	Product Details	Pack Size
PSR28315	80-73-9	N,N-Dimethyl Imidazolidinone Standard for GC	100 ml
PSR28316	540-84-1	Iso octane Standard for GC	100 ml
PSR28317	79-01-6	Trichloroethylene Standard for GC	100 ml
PSR28318	462-95-3	Diethoxymethane Standard for GC	100 ml
PSR28319	124-18-5	n-Decane Standard for GC	100 ml
PSR28320	463-82-1	2,2-dimethyl propane Standard for GC	100 ml
PSR28321	112-05-0	Nonanoic acid Standard for GC	100 ml
PSR28322	544-76-3	n-Hexadecane Standard for GC	100 ml
PSR28323	109-02-4	N-Methylmorpholin Standard for GC	100 ml
PSR28324	75-65-0	tert-Butanol Standard for GC	100 ml
PSR28325	616-38-6	Dimethyl carbonate Standard for GC	100 ml
PSR28326	101-83-7	Dicyclohexylamine Standard for GC	100 ml
PSR28327	79-41-4	Methacrylic acid Standard for GC	100 ml
PSR28328	111-46-6	Diethylene glycol Standard for GC	100 ml
PSR28329	75-21-8	Ethylene oxide Standard for GC	100 ml
PSR28330	5407-04-5	3-Dimethylamino-1-propyl chloride HCl Standard for GC	100 ml
PSR28331	141-79-7	Mesityl oxide Standard for GC	100 ml
PSR28332	57-55-6	1,2-Propanediol Standard for GC	100 ml
PSR28333	112-29-8	1-Bromodecane Standard for GC	100 ml
PSR28334	5343-92-0	1,2-Pentenediol Standard for GC	100 ml
PSR28335	96-22-0	3-Pentanone Standard for GC	100 ml
PSR28336	584-02-1	3-Pentanol Standard for GC	100 ml
PSR28337	1731-92-6	Methyl heptadecanoate Standard for GC	100 ml
PSR28338	74-88-4	Iodomethane Standard for GC	100 ml
PSR28339	75-03-6	Iodoethane Standard for GC	100 ml
PSR28340	121-69-7	N,N-Dimethylaniline Standard for GC	100 ml
PSR28341	1002-69-3	1-Chlorodecane Standard for GC	100 ml
PSR28342	1120-49-6	Didecylamine Standard for GC	100 ml
PSR28343	112-30-1	1-Decanol (Capric Alcohol) Standard for GC	100 ml
PSR28344	123-38-6	Propionaldehyde Standard for GC	100 ml
PSR28345	108-11-2	4-Methyl-2-pentanol Standard for GC	100 ml

PureSynth Catalog #	CAS No.	Product Details	Pack Size
PSR28346	1731-88-0	Methyl tridecanoate Standard for GC	100 ml
PSR28347	620-19-9	3-Methylbenzyl chloride Standard for GC	100 ml
PSR28348	66-27-3	Methyl methanesulfonate 99% Standard for GC	100 ml
PSR28349	926-06-7	Isopropyl methanesulfonate Standard for GC	100 ml
PSR28350	8032-32-4	Petroleum Ether (60-80°C) Standard for GC	100 ml
PSR28351	80-62-6	Methyl methacrylate-99% Standard for GC	100 ml
PSR28352	140-88-5	Ethyl acrylate - 99.5% Standard for GC	100 ml
PSR28353	2016-57-1	Decylamine Standard for GC	100 ml
PSR28354	75-30-9	2-Iodopropane Standard for GC	100 ml
PSR28355	105-57-7	Acetaldehyde diethyl acetal Standard for GC	100 ml
PSR28356	765-30-0	Cyclopropylamine Standard for GC	100 ml
PSR28357	7289-52-3	1-methoxydecane Standard for GC	100 ml
PSR28358	111-65-9	n-Octane Standard for GC	100 ml
PSR28359	106-89-8	(±)-Epichlorohydrin Standard for GC	100 ml
PSR28360	108-20-3	Di-Isopropyl ether Standard for GC	100 ml
PSR28361	18281-05-5	Ethyl arachidate Standard for GC	100 ml
PSR28362	77-76-9	2,2-Dimethoxypropane(DMP) Standard for GC	100 ml
PSR28363	75-77-4	Chlorotrimethyl silane Standard for GC	100 ml
PSR28364	629-59-4	n-Tetradecane Standard for GC	100 ml
PSR28365	107-92-6	Butyric acid Standard for GC	100 ml
PSR28366	513-35-9	2-Methyl-2-butene Standard for GC	100 ml
PSR28367	142-96-1	Dibutyl ether Standard for GC	100 ml
PSR28368	629-62-9	Pentadecane Standard for GC	100 ml
PSR28369	8032-32-4	Petroleum Ether (40-60°C) Standard for GC	100 ml
PSR28370	75-85-4	tert-Amyl alcohol Standard for GC	100 ml
PSR28371	78-78-4	2-methyl butane Standard for GC	100 ml
PSR28372	7087-68-5	N,N-Diisopropylethylamine (DIPEA) Standard for GC	100 ml
PSR28373	35180-01-9	Chloromethyl isopropyl carbonate Standard for GC	100 ml
PSR28374	75-29-6	2-Chloropropane Standard for GC	100 ml
PSR28375	75-07-0	Acetaldehyde Standard for GC	100 ml
PSR28376	629-03-8	1,6-Dibromohexane Standard for GC	100 ml
PSR28377	108-67-8	Mesitylene Standard for GC	100 ml
PSR28378	2114-00-3	2-Bromopropiophenone Standard for GC	100 ml
PSR28379	126-84-1	2,2-Diethoxy propane Standard for GC	100 ml
PSR28380	76-05-1	Trifluoroacetic acid Standard for GC	100 ml
PSR28381	78-83-1	Isobutanol Standard for GC	100 ml
PSR28382	625-55-8	Isopropyl formate Standard for GC	100 ml
PSR28383	109-67-1	1-Pentene Standard for GC	100 ml

PureSynth Catalog #	CAS No.	Product Details	Pack Size
PSR28384	109-89-7	Diethylamine Standard for GC	100 ml
PSR28385	62-53-3	Aniline Standard for GC	100 ml
PSR28386	100-51-6	Benzyl alcohol Standard for GC	100 ml
PSR28387	107-83-5	2-Methylpentane Standard for GC	100 ml
PSR28388	74-96-4	Ethyl Bromide Standard for GC	100 ml
PSR28389	110-52-1	1,4-Dibromobutane Standard for GC	100 ml
PSR28390	590-86-3	Isovaleraldehyde Standard for GC	100 ml
PSR28391	100-44-7	Benzyl chloride Standard for GC	100 ml
PSR28392	6674-22-2	1,8-Diazabicyclo (5.4.0)undec-7-ene (DBU) Standard for GC	100 ml
PSR28393	109-01-3	N-Methyl piperazine Standard for GC	100 ml
PSR28394	98-95-3	Nitrobenzene Standard for GC	100 ml
PSR28395	5614-37-9	Cyclopentyl methyl ether Standard for GC	100 ml
PSR28396	108-95-2	Phenol Standard for GC	100 ml
PSR28397	1120-21-4	Undecane Standard for GC	100 ml

\* Above secondary reference standard are traceable to USP / EP / BP, wherever applicable.



**PureSynth Research Chemicals Private Limited**

**For any product enquiries, contact us today !**

**For customer service, mail us at [info@pure-synth.com](mailto:info@pure-synth.com)  
and for more information visit [www.pure-synth.com](http://www.pure-synth.com)**