



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

C.P.A. Chem Ltd.
7-b-4 Han Asparuh Str.
6000 Stara Zagora, Bulgaria

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17043:2010

while demonstrating technical competence in the field(s) of

Proficiency Testing Provider

Refer to the accompanying Scope(s) of Accreditation for information regarding the types of proficiency tests to which this accreditation applies.

AP-2024

Certificate Number

ANAB Approval





ANSI-ASQ National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17043:2010

C.P.A. Chem Ltd.

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Proficiency Test Provider

Valid to: January 12, 2018

Certificate Number: AP- 2024

Discipline	Sub-Discipline	Specification, Standard Method, or Technique Used	Description	
Drinking Water Non-potable Water	Metals	ICP / AA	Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium (total) Chromium (VI) Cobalt Copper Iron Lead Lithium Magnesium	Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Strontium Thallium Tin Titanium Uranium Vanadium Zinc
Drinking Water Non-potable Water	Anions	Wet Chemical Methods / HPLC/ ICP	Acetate Ammonium Ammonium as N Barium Bromate Bromide Calcium Carbonate Chlorate Chloride Chlorite Chromium 6+ Citrate Iodide Fluoride Hydrogencarbonate	Lithium Magnesium Nitrate/ Nitrate as N Nitrite/ Nitrite as N Oxalate Perchlorate Phosphate Potassium Silicate as Si Sodium Strontium Sulfate Sulfite Thiosulfate; Thiocyanate



Discipline	Sub-Discipline	Specification, Standard Method, or Technique Used	Description
Drinking Water Non-potable Water	Miscellaneous	Wet Chemical Methods / HPLC / GC / ICP	Alkalinity / Acidity / Calcium Hardness Total Specific Conductance pH / Total Dissolved Solids / Total Solids Residual Free Chlorine / Total Residual Chlorine Surfactants – MBAS Total petroleum hydrocarbons / Total phenolics
Drinking Water Non-potable Water	Volatiles	GC	Acetone / Acetonitrile Acrolein / Acrylonitrile 2-Amino-1-methylbenzene Benzene / Bromobenzene Bromochloromethane Bromodichloromethane Bromomethane (Bromoform) 2-Butanone (MEK) tert-Butyl Alcohol n-Butylbenzene sec-Butylbenzene tert-Butylbenzene Carbon disulfide Carbon tetrachloride Chloroacetaldehyde Chlorobenzene Chloroethane Chlorodibromomethane 2-Chloroethylvinylether Chloroform / 1,2- (DBCP) 2-Chlorotoluene 4-Chlorotoluene Dibromochloromethane 1,2-Dibromoethane (EDB) Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethene 1,1-Dichloroethylene cis-1,2-Dichloroethene cis-1,2-Dichloroethylene Dichloromethane (DCM) 1,2-Dichloropropane cis-1,3-Dichloropropene trans-1,3-Dichloropropene cis-1,3-Dichloropropylene trans-1,3-Dichloropropylene trans-1,2-Dichloroethene Diisopropyl ether (DIPE) 1,4-Dioxan trans-1,2-Dichloroethylene Ethanol / Ethyl acetate Ethylbenzene Ethyl-t-butylether (ETBE) Ethylene Dibromide (EDB) Ethyl Methacrylate Formaldehyde 2-Hexanone Hexachloroethane Hexachlorobutadiene Di-n-butylphthalate Iodomethane Isobutyl alcohol Isopropyl alcohol Isopropylbenzene 4-Isopropyltoluene Chloromethane Methanol Methyl acetate Methylene chloride Methyl cyclohexane Methyl methacrylate 4-Methyl-2-pentanone (MIBK) Methyl tert-butyl ether (MTBE) Naphthalene Pentachloroethane Propionitrile / Propanol 1-Phenylpropane n-Propylbenzene Pyridine / Styrene 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethene Tetrachloroethylene Tetrahydrofuran Toluene 1,2,3-Trichlorobenzene 1,3,5 - Trichlorobenzene 1,2,4-Trichlorobenzene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethene Trichloroethylene Trichlorofluoromethane (Freon 11) 1,2,3-Trichloropropane Trichlorotrifluoroethane (Freon 113) 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene TAME / Vinyl acetate Vinyl chloride m+p-Xylene / Xylenes, total O-Xylene

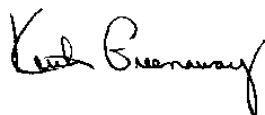
Drinking Water Non-potable Water	Semivolatiles	GC / HPLC	Acenaphthene / Acenaphthylene / Acetophenone 2-Amino-1-methylbenzene (o-Toluidine) 2-Amino-4,6-dinitrotoluene / 4-Amino-2,6-dinitrotoluene Aniline / Anthracene / Benzaldehyde / Benzidine / Benzoic acid / Benzo (a) anthracene / Benzo (b) fluoranthene / Benzo (g,h,i) perylene / Benzo (k) fluoranthene / Benzo (a) pyrene / Benzotrifluoride / Benzyl alcohol / Benzyl chloride / Biphenyl bis-n-butylphthalate / bis -n-octylphthalate bis (2-chloroethoxy) methane / bis (2-chloroethoxy) ether bis (2-chloroisopropyl) ether / bis (2-Ethylhexyl) adipate bis (2-Ethylhexyl) phthalate / 4-Bromophenyl-phenylether Benzo butyl phthalate Caprolactam / Carbazole / 4-Chloroaniline 4-Chloro-3-methylphenol / Chloroethene 1-Chloro-2,4-dinitrobenzene / 1-Chloro-4-nitrobenzene 1-Chloronaphthalene / 2-Chloronaphthalene 2-Chlorophenol / 4-Chlorophenyl phenyl ether / Chrysene Dibenzo (a,h) anthracene / Dibenzofuran 1,2-Dichlorobenzene / 1,3-Dichlorobenzene 1,4-Dichlorobenzene / 3,3-Dichlorobenzidine 2,4-Dichlorophenol / 2,6-Dichlorophenol 3,5-Dichloronitrobenzene / Diethylphthalate 2,4-Dimethylphenol / Dimethylphthalate Di-n-butylphthalate / Dinitramine / Di-n-octylphthalate 1,3-Dinitrobenzene / 1,4-Dinitrobenzene 2,4-Dinitrophenol / 2,4-Dinitrotoluene / 2,6-Dinitrotoluene 1,2-Diphenylhydrazine / Ethyl methanesulfonate Fluoroanthene / Fluorene Hexachlorobenzene / Hexachlorobutadiene Hexachlorocyclopentadiene / Hexachloroethane / Hydrazine Indeno (1,2,3-cd) pyrene / Isophorone Maleic Anhydride / 2-Methyl-4,6-Dinitrophenol Methyl methanesulfonate / 1-Methylnaphthalene 2-Methylnaphthalene / 2-Methylphenol (o-Cresol) 3-Methylphenol (m-Cresol) / 4-Methylphenol (p-Cresol) Naphthalene / Naphthoquinone / Napropamide 2-Nitroaniline / 3-Nitroaniline / 4-Nitroaniline Nitrobenzene / 2-Nitrophenol / 3-Nitrophenol 4-Nitrophenol / 4-Nitrophenylphenylether N-Nitrosodipropylamine / N-Nitrosodiethylamine N-Nitrosodimethylamine / N-Nitrosodiphenylamine n-Nitroso-di-n-propylamine / 2-Nitrotoluene 3-Nitrotoluene / 4-Nitrotoluene Pentachlorobenzene / Pentachlorohexane Pentachloronitrobenzene / Pentachlorophenol Phenanthrene / Phenol / Pyrene / Pyridine 1,2,3,4-Tetrachlorobenzene / 1,2,3,5-Tetrachlorobenzene 1,2,4,5-Tetrachlorobenzene / 2,3,7,8-Tetrachloro-dibenzodioxin 2,3,4,5-Tetrachloronitrobenzene 2,3,4,5-Tetrachlorophenol / 2,3,4,6-Tetrachlorophenol 1,2,4-Trichlorobenzene / 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol / 2,3,5,6-Tetrachlorophenol 1,2,4-Trichlorobenzene / 1,3,5-Trichlorobenzene 2,4,5-Trichlorophenol / 2,4,6-Trichlorophenol 2,4,6-Trinitrotoluene 2,3,4-Trichlorophenyl-4-nitrophenylether 2,3,5-Trichlorophenyl-4-nitrophenylether 2,3,6-Trichlorophenyl-4-nitrophenylether 2,4,5-Trichlorophenyl-4-nitrophenylether 2,4,6-Trichlorophenyl-4-nitrophenylether 3,4,5-Trichlorophenyl-4-nitrophenylether 1,3,5-Trinitrobenzene / Tetryl (Methyl-2,4,6)
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Discipline	Sub-Discipline	Specification, Standard Method, or Technique Used	Description
Drinking Water Non-potable Water	Herbicides	GC / HPLC	Acifluorfen / Bentazon / Chloramden / 2,4-D Dacthal (DCPA) Dalapon / 2,4-DB / Dicamba 3,5-Dichlorobenzoic acid / Dichloroprop Dichlorvos Dinoseb / Disulfoton / Diquat Endothall / Glyphosate / MCPA / MCPP Paraquat / 4-Nitrophenol / Pentachlorophenol Picloram 2,4,5-TP (Silvex) / 2,4,5-T
Drinking Water Non-potable Water	Pesticides	GC/HPLC	Alachlor / Aldicarb / Aldicarb-sulfone / Aldicarb-sulfoxide Aldrin / Ametryn / Anilazine / Atraton / Atrazine Azinophos-methyl (Guthion) / alpha-BHC / beta-BHC gamma-BHC (Lindane) / delta-BHC Bromacil / Bromoxynil / Butachlor / Butylate Carbaryl / Carbofuran / Carbofuran-3-hydroxy Carbophenothion / Chlordane (Technical) alpha-Chlordane beta-Chlordane / gamma-Chlordane / Chlorfenvinphos Chloropropham / Chlorothalonil / Chlorpyrifos / Cyanazine 2,4'-DDD / 4,4'-DDD / 2,4'-DDE / 4,4'-DDE / 2,4'-DDT 4,4'-DDT / Demeton-O / Demeton-S / Diazinon Dieldrin / Dimethoate / Dioxathion / Diuron / Disulfoton Endosulfan I Endosulfan II / Endosulfan sulfate / Endrin Endrin aldehyde / Endrin ketone / EPN / EPTC Ethion / Ethoprop / Famphur / Fenthion / Fenuron / Fluometuron Fonofos / Heptachlor / Heptachlor-endo-epoxide Heptachlor-exo-epoxide / Hexachlorobenzene / Hexachlorocyclopenta-diene / Hexazinone / Linuron Malathion / MCPA / MCPP / Methoxychlor (DMTD) Metolachlor / Metribuzin / Molinate / Monuron Naled / Neburon / Parathion, ethyl Parathion, methyl Phorate / Phosmet / Promecarb / Prometon / Prometryn Propachlor / Propazine / Protham / Propozur / Propyzamide Ronnel / Siduron / Simazine / Stirophos / Sulfotep / Stirophos Tebuthiuron / Terbacil / Terbufos / Thiobencarb Tetraethylpyrophosphate (TEPP) / Tri-allate Trichlorfon / Trifluralin
Non-potable Water	UST Analytes Petroleum HCs	GC	C6 – C40 Aliphatic Hydrocarbons
Wines and must	Physical Properties	Various	Density and Specific Gravity at 20°C pH Total dry matter
Wines and must	Organic Compounds	Various	Alcoholic strength by volume Total Acidity Volatile Acidity
Wines and must	Non-organic Compounds	AAS	Reducing sugars Fe Cu Sulfur dioxide
Spirituos Beverages	Physical Properties	Various	pH

Discipline	Sub-Discipline	Specification, Standard Method, or Technique Used	Description
Spirituos Beverages	Organic Compounds	HPLC/GC	Alcoholic strength by volume Methanol Total Acidity Aldehydes
Spirituos Beverages	Non-organic Compounds	AAS	Fe Cu
Pharmaceutical	Physical Properties	Various	pH Conductivity
Pharmaceutical	Impurities	Various	Limit tests
Pharmaceutical	Assay	Various	Titration

Notes:

1. This scope is formatted as part of a single document including the Certificate of Accreditation No. AP-2024



Vice President