



L_eDA

/// ANALYSIS & INSTRUMENTAL TECHNIQUES ///

LD0170 2-PROPANOL
HPLC ACS

ISOPROPYL ALCOHOL, DIMETHYLCARBINOL, 2-HYDROXYPROPANE, ISO-PROPANOL

FORMULA C₃H₈O
 M 58,08
 CAS 67-63-0
 EINECS 200-661-7
 ADR/RID 3/II
 INDEX MERCK 11, 5096, 12, 5827
 N° CEE 603-117-00-0
 UN 1219
 R 11 36 67
 S 2.7 16 24/25 26

Assay (G.C.)	min 99,8 %
Hazen Colour	max 10
Solubility in water	test ok
Titration acid or base	max 0,0001 meq/g
Non volatile matter	max 0,0005 %
Water (K.F.)	max 0,05 %



Maximum absorbance in a 1,0 cm cell at wavelength

205 nm	1,00	254 nm	0,02
220 nm	0,30	280 nm	0,01
230 nm	0,15	350 nm	0,01

COD	PACKAGING	UN/BOX
LD01702500	2,5 L	4

LD0169 2-PROPANOL
analytical grade, ACS, USP, Ph. Eur

ISOPROPYL ALCOHOL, 2-PROPANOL, DIMETHYLCARBINOL, 2-HYDROXYPROPANE, ISO-PROPANOL, ISO-PROPYL ALCOHOL

FORMULA C₃H₈O
 M 60,01
 CAS 67-63-0
 EINECS 200-661-7
 ADR/RID 3/II
 INDEX MERCK 11, 5096, 12, 5827
 N° CEE 603-003-00-0
 UN 1219
 R 11 36 67
 S 2.7 16 24/25 26

Assay (G.C.)	min 99,8 %
Identity (IR-Spectrum)	test ok
20 °C Density	0,784 - 0,786 g/cm ³
Appearance	Transparent
Hazen Colour	max 10
Solubility in water	test ok
Acidity	max 0,0001 meq/g
Alcalinity	max 0,0001 meq/g
Chlorides (Cl)	max 0,00005 %
Nitrates (NO ₃)	max 0,00005 %
Phosphates (PO ₄)	max 0,0001 %
Sulphates (SO ₄)	max 0,0002 %

Aluminium (Al)	max 0,00005 %
Antimony (Sb)	max 0,000005 %
Arsenic (As)	max 0,000005 %
Barium (Ba)	max 0,00002
Beryllium (Be)	max 0,000005 %
Bismuth (Bi)	max 0,00002 %
Boron (B)	max 0,000005 %
Cadmium (Cd)	max 0,00001 %
Calcium (Ca)	max 0,0001 %
Chromium (Cr)	max 0,000005 %
Cobalt (Co)	max 0,000005 %
Copper (Cu)	max 0,000005 %



COD	PACKAGING	UN/BOX
LD01691000	1000 mL	6

LD0025 ACETIC ACID GLACIAL
analytical grade ACS, Ph. Eur, USP

ETHANOIC ACID, METHYLFORMIC ACID, METHANE CARBOXYLIC ACID

FORMULA C₂H₄O₂
 M 60,05
 CAS
 EINECS 200-580-7
 ADR/RID 8/II
 INDEX MERCK 11,47
 N° CEE 607-002-00-6
 UN 2789
 R 10 35
 S 2.23.2 51 26 36/37/39 45

Assay (Acidimetric)	min 99,8 %
Identity (IR-Spectrum)	test ok
20 °/20° C Density	1,050 - 1,052 g/cm ³
Hazen Colour	max 10
Titration base	max 0,0004 meq/g
Dilution test	test ok
Non soluble in water	test ok
Solubility in water	total
Formic acid	max 0,1 %
Chlorides (Cl)	max 0,0001 %
Phosphates (PO ₄)	max 0,0001 %
Sulphates (SO ₄)	max 0,0001 %

Arsenic and Antimony (as As)	max 0,00001 %
Barium (Ba)	max 0,000002 %
Beryllium (Be)	max 0,000005 %
Bismuth (Bi)	max 0,00002 %
Boron (B)	max 0,000005 %
Cadmium (Cd)	max 0,00002 %
Calcium (Ca)	max 0,00002 %
Chromium (Cr)	max 0,00002 %
Copper (Cu)	max 0,00002 %
Gallium (Ga)	max 0,00001 %
Germanium (Ge)	max 0,000005 %
Gold (Au)	max 0,000002 %



COD	PACKAGING	UN/BOX
LD00251000	1000 mL	6

LD0010 ACETONE

2-PROPANONE, DIMETHYLKETONE

HPLC ACS

FORMULA C3H6O
M 58,08
CAS 67-64-1
EINECS 200-662-2
ADR/RID 3/II
INDEX MERCK 11, 58 12, 64
N° CEE 606-001-00-8
UN 1090
R 11 36 66 67
S 2 9 16 26

Assay (G.C.)	min 99,5 %
Hazen Colour	max 10
Solubility in water	test ok
Titration acid	max 0,0003 meq/g
Titration base	max 0,0006 meq/g
Aldehydes (as HCHO)	max 0,002 %
Methanol (G.C.)	max 0,05 %
2-propanol (G.C.)	max 0,05 %
Substances reducing permanganate	test ok
Non volatile matter	max 0,0005 %
Water (K.F.)	max 0,5 %



Maximum absorbance in a 1,0 cm cell at wavelength

330 nm	1,00	375 nm	0,005
340 nm	0,10	400 nm	0,0005
350 nm	0,01		

COD	PACKAGING	UN/BOX
LD00102500	2,5 L	4

LD0009 ACETONE

2-PROPANONE, DIMETHYLKETONE

analytical grade, ACS, ISO

FORMULA C3H6O
M 58,08
CAS 67-64-1
EINECS 200-662-2
ADR/RID 3/II
INDEX MERCK 11, 58 12, 64
N° CEE 606-001-00-8
UN 1090
R 11 36 66 67
S 2 9 16 26

Assay (G.C.)	min 99,8 %
Identity (IR-Spectrum)	test ok
20 °C Density	0,787 - 0,791 g/cm3
Appearance	test ok
Hazen Colour	max 10
Solubility in water	test ok
Non soluble	test ok
Acidity	max 0,0002 meq/g
Alkalinity	max 0,0002 meq/g
Chlorides (Cl)	max 0,00001 %
Nitrates (NO3)	max 0,00001 %
Phosphates (PO4)	max 0,00001 %

Sulphates (SO4)	max 0,00001 %
Aluminium (Al)	max 0,00005 %
Antimony (Sb)	max 0,000002 %
Arsenic (As)	max 0,000002 %
Barium (Ba)	max 0,00001 %
Beryllium (Be)	max 0,000002 %
Bismuth (Bi)	max 0,000002 %
Boron (B)	max 0,000002 %
Cadmium (Cd)	max 0,000005 %
Calcium (Ca)	max 0,00005 %
Chromium (Cr)	max 0,000002 %
Copper (Co)	max 0,000002 %



COD	PACKAGING	UN/BOX
LD00091000	1000 mL	6

LD0020 ACETONITRILE

METHYL CYANIDE, CYANOMETHANE

HPLC ACS

FORMULA CH3CN
M 41,05
CAS 75-05-8
EINECS 200-835-2
ADR/RID 3/II
INDEX MERCK
N° CEE 608-001-00-3
UN 1648
R 11 20/21/22 36
S 2 16 36/37 46

Assay (G.C.)	min 99,9 %
Hazen Colour	max 10
Titration acid	max 0,008 meq/g
Titration base	max 0,0006 meq/g
Non volatile matter	max 0,0002 %
Water (K.F.)	max 0,02 %



Maximum absorbance in a 1,0 cm cell at wavelength

190 nm	1,00	220 nm	0,02	400 nm	0,005
200 nm	0,05	230 nm	0,01		
210 nm	0,04	254 nm	0,005		

COD	PACKAGING	UN/BOX
LD00202500	2,5 L	4

LD0026 BORIC ACID POWDER

ORTHOBORIC ACID

analytical grade

FORMULA	H3BO3	Assay (Acidimetric)	min 99,8 %	Heavy metals (as Pb)	max 0,0005 %
M	61,84	Identity	test ok	Iron (Fe)	max 0,0001 %
CAS	10043-35-3	Appearance of solution	test ok	Lead (Pb)	max 0,001 %
EINECS	233-139-2	Non soluble in Methanol	max 0,005 %	Magnesium (Mg)	max 0,0005 %
ADR/RID		pH (4 %, H2O)	3,6 - 4,0	Zinc (Zn)	max 0,0005 %
INDEX MERCK	11,1336	Chlorides (Cl)	max 0,0003 %	Non volatile matter with methanol-HCl	max 0,05 %
N° CEE		Phosphates (PO4)	max 0,0005 %		
UN		Sulphates (SO4)	max 0,0005 %		
R		Arsenic (As)	max 0,00005 %		
S		Cadmium (Cd)	max 0,0005 %		
		Calcium (Ca)	max 0,002 %		
		Copper (Cu)	max 0,0005 %		

COD	PACKAGING	UN/BOX
LD00261000	1 kg	6

LD0410 BUFFER SOLUTION PH 10

FORMULA	Sodium carbonate	2,64 g/l	50° C	pH 9,78
M	Sodium hydrogen carbonate	2,09 g/l	Density	1,00 g/cm3
CAS	0° C	pH 10,25	Solubility in water (20° C)	test ok
EINECS	5° C	pH 10,18	Melting point	- 6° C
ADR/RID	10° C	pH 10,12	Boiling point	110 °C
INDEX MERCK	15° C	pH 10,06		
N° CEE	20° C	pH 10,00		
UN	25° C	pH 9,97		
R	30° C	pH 9,93		
S	35° C	pH 9,91		
	40° C	pH 9,89		
	45° C	pH 9,83		

Standard buffer solution are prepared using gravimetric and volumetric procedures

COD	PACKAGING	UN/BOX
LD04100250	250 mL	6

LD0404 BUFFER SOLUTION PH 4

FORMULA	Potassium hydrogen phtalate	10,21 g/l	Density	1,01 g/cm3
M	0° C	pH 4,00	Solubility in water (20° C)	test ok
CAS	5° C	pH 4,00		
EINECS	10° C	pH 4,00		
ADR/RID	15° C	pH 4,00		
INDEX MERCK	20° C	pH 4,00		
N° CEE	25° C	pH 4,01		
UN	30° C	pH 4,02		
R	35° C	pH 4,03		
S	40° C	pH 4,04		
	45° C	pH 4,05		
	50° C	pH 4,06		

Standard buffer solution are prepared using gravimetric and volumetric procedures

COD	PACKAGING	UN/BOX
LD04040250	250 mL	6

LD0407 BUFFER SOLUTION PH 7

FORMULA	Potassium dihydrogen phosphate	3,54 g/l	50° C	pH 6,95
M	di-Sodium hydrogen phosphate	14,7 g/l	Density	1,01 g/cm3
CAS	0° C	pH 7,13	Solubility in water (20°C)	test ok
EINECS	5° C	pH 7,07	Melting point	- 5° C
ADR/RID	10° C	pH 7,05	Boiling point	109 °C
INDEX MERCK	15° C	pH 7,02		
N° CEE	20° C	pH 7,00		
UN	25° C	pH 6,98		
R	30° C	pH 6,98		
S	35° C	pH 6,96		
	40° C	pH 6,95		
	45° C	pH 6,95		

Standard buffer solution are prepared using gravimetric and volumetric procedures

COD	PACKAGING	UN/BOX
LD04070250	 250 mL	6

LD0409 BUFFER SOLUTION PH 9

FORMULA	Boric acid	3,1 g/l	45° C	pH 8,82
M	Potassium chloride	3,8 g/l	50° C	pH 8,79
CAS	Sodium hydroxide	0,8 g/l	Density	1,00 g/cm3
EINECS	0° C	pH 9,24	Solubility in water (20°C)	test ok
ADR/RID	5° C	pH 9,16		
INDEX MERCK	10° C	pH 9,11		
N° CEE	15° C	pH 9,05		
UN	20° C	pH 9,00		
R	25° C	pH 8,95		
S	30° C	pH 8,91		
	35° C	pH 8,88		
	40° C	pH 8,85		

Standard buffer solution are prepared using gravimetric and volumetric procedures

COD	PACKAGING	UN/BOX
LD04090250	 250 mL	6

LD0300 COBALT II CHLORIDE HEXAHYDRATE 6-HYDRATE

analytical grade, ACS, ISO

FORMULA	CoCl2.6H2O	Assay (Complexometric)	99 - 102 %	Sodium (Na)	max 0,01 %
M	237,93	Non soluble in water	max 0,01 %	Zinc (Zn)	max 0,002 %
CAS	7791-13-1	Nitrates (NO3)	max 0,01 %	Non precipitable with (NH4)2S (as SO4)	
EINECS	231-589-4	Sulphates (SO4)	max 0,005 %		
ADR/RID	6,1/III	Ammonium (NH4)	max 0,005 %		
INDEX MERCK		Copper (Cu)	max 0,0005 %		
N° CEE	027-004-00-5	Iron (Fe)	max 0,001 %		
UN	3288	Lead (Pb)	max 0,0005 %		
R	49 E-22 42/43 50/53	Magnesium (Mg)	max 0,002 %		
S	2 22 53 45 60 61	Manganese (Mn)	max 0,001 %		
		Nickel (Ni)	max 0,005 %		
		Potassium (K)	max 0,005 %		



COD	PACKAGING	UN/BOX
LD03000250	 250 g	6

LD0301 COPPER II SULFATE PENTAHYDRATE 5-HYDRATE
analytical grade, ACS, ISO

COPPER MONOSULPHATE PENTAHYDRATE, COPPER VITRIOL PENTAHYDRATE

 FORMULA CuSO4.5H2O
 M 249,68
 CAS 7758-99-8
 EINECS 231-847-6
 ADR/RID 9/III
 INDEX MERCK
 N° CEE 029-004-00-0
 UN 3077
 R 22 36/38 50/53
 S 2 22 46 60 61


Assay (Iodometric)	99 - 100,5 %	Nickel (Ni)	max 0,005 %
Non soluble matter	max 0,005 %	Potassium (K)	max 0,001 %
pH (5 %, H2O)	3,7 - 4,5	Sodium (Na)	max 0,005 %
Chlorides (Cl)	max 0,0005 %	Zinc (Zn)	max 0,03 %
Total N	max 0,001 %	Non precipitable with H2S (as SO4)	max 0,1 %
Arsenic (As)	max 0,00005 %		
Cadmium (Cd)	max 0,001 %		
Calcium (Ca)	max 0,0005 %		
Cobalt (Co)	max 0,001 %		
Iron (Fe)	max 0,003 %		
Lead (Pb)	max 0,005 %		
Magnesium (Mg)	max 0,0005 %		

COD	PACKAGING	UN/BOX
LD03011000	1 kg	6

LD0050 CHLOROFORM
HPLC

TRICHLOROMETHANE, FORMYL TRICHLORIDE

 FORMULA CHCl3
 M 119,38
 CAS 67-66-3
 EINECS 200-663-8
 ADR/RID 6,1/III
 INDEX MERCK 11, 2141 12, 2193
 N° CEE 602-006-00-4
 UN 1888
 R 22 38 40 48/20/22
 S 2 36/37 46


Assay- excluding ethanol (G.C.)	min 99,9 %	
Ethanol (G.C.)	max 1 %	
Hazen Colour	max 10	
Acetone and aldehyde	max 0,005 %	
Acids and chlorides	test ok	
Free chlorine (as Cl)	test ok	
Lead (Pb)	max 0,000005 %	
Substances darkened by H2SO4	test ok	
Non volatile matter	max 0,0003 %	
Water (K.F.)	max 0,02 %	
Suitability for use in dithizone test	test ok	

Maximum absorbance in a 1,0 cm cell at wavelength				COD	PACKAGING	UN/BOX
245 nm	1,00	270 nm	0,03	LD00501000	1000 mL	6
255 nm	0,15	290 nm	0,02			
260 nm	0,05	400 nm	0,01	LD00502500	2,5 L	4

LD0060 DICHLOROMETHANE
HPLC ACS

METHYLENE CHLORIDE

 FORMULA CH2Cl2
 M 84,93
 CAS 75-09-2
 EINECS 200-838-9
 ADR/RID 6,1/III
 INDEX MERCK 11, 5982 12, 6140
 N° CEE 602-004-00-3
 UN 1593
 R 40
 S 23b 24/25 36/37


Assay (G.C.)	min 99,9 %	
Hazen Colour	max 10	
Titrate acid	max 0,0003 meq/g	
Free halogens	test ok	
Non volatile matter	max 0,0003 %	
Water (K.F.)	max 0,01 %	

Maximum absorbance in a 1,0 cm cell at wavelength				COD	PACKAGING	UN/BOX
233 nm	1,00	300 nm	0,01	LD00602500	2,5 L	4
240 nm	0,20	350 nm	0,005			
260 nm	0,02					

LD0105 DIETHYL ETHER

ETHYL ETHER, ETHYL OXIDE, ETHER

analytical grade, ACS, Ph. Eur, USP

FORMULA C4H10O
M 74,12
CAS 60-29-7
EINECS 200-467-2
ADR/RID 3/I
INDEX MERCK
N° CEE 603-022-00-4
UN 1155
R 12 19 22 66 67
S 2 9 16 29 33 46



Assay (G.C.)	min 99,5 %
Identity (IR-Spectrum)	test ok
Appearance	test ok
Hazen Colour	max 10
Acidity	max 0,0002 meq/g
Alcalinity	max 0,0002 meq/g
Chlorides (Cl)	max 0,00005 %
Sulphates (SO4)	max 0,00005 %
Aluminium (Al)	max 0,00005 %
Barium (Ba)	max 0,00002 %
Boron (B)	max 0,000005 %
Cadmium (Cd)	max 0,00001 %

Calcium (Ca)	max 0,0001 %
Chromium (Cr)	max 0,000005 %
Cobalt (Co)	max 0,000005 %
Copper (Cu)	max 0,000005 %
Iron (Fe)	max 0,00002 %
Lead (Pb)	max 0,00002 %
Magnesium (Mg)	max 0,00002 %
Manganese (Mn)	max 0,000005 %
Nickel (Ni)	max 0,000005 %
Tin (Sn)	max 0,00002 %
Zinc (Zn)	max 0,00002 %
Acetone (G.C.)	max 0,005 %

COD	PACKAGING	UN/BOX
LD01051000	1000 mL	6

LD0090 DIMETHYL SULFOXIDE

DMSO

HPLC ACS

FORMULA C2H6OS
M 78,13
CAS 67-68-5
EINECS 200-664-3
ADR/RID
INDEX MERCK
N° CEE
UN
R 36/38
S 2 26



Assay (G.C.)	min 99,9 %
Hazen Colour	max 10
Non volatile matter	max 0,001 %
Water (K.F.)	max 0,05 %

Maximum absorbance in a 1,0 cm cell at wavelenght

263 nm	1,00	280 nm	0,17
270 nm	0,40	335 nm	0,02
275 nm	0,20	400 nm	0,01

COD	PACKAGING	UN/BOX
LD00901000	1000 mL	6

LD0303 DI-SODIUM HYDROGEN PHOSPHATE 2-HYDRATE

SODIUM MONOHYDROGEN PHOSPHATE, SODIUM PHOSPHATE DIBASIC, SECONDARY SODIUM PHOSPHATE

analytical grade

FORMULA NaHPO4*2H2O
M 177,99
CAS 10028-24-7
EINECS 231-448-7
ADR/RID
INDEX MERCK
N° CEE
UN
R
S

Assay (Acidimetric)	min 99,5 %
IR-Spectrum	test ok
Appearance	test ok
Non soluble in water	max 0,3 %
pH (5 %, H2O)	9,0 - 9,2 %
Chlorides (Cl)	max 0,005 %
Sulphates (SO4)	max 0,02 %
Total N	max 0,001 %
Ammonium (NH4)	max 0,001 %
Arsenic (As)	max 0,0002 %
Copper (Cu)	max 0,0003 %
Heavy metals (as Pb)	max 0,001 %

Iron (Fe)	max 0,001 %
Potassium (K)	max 0,005 %
Sodium dihydrogen phosphate (NaH2PO4)	max 1,7 %
KMnO4 Reducing matter	test ok
Loss on drying (103 °c)	19,5 - 21,0 %

COD	PACKAGING	UN/BOX
LD03031000	1 kg	6

LD0302 DI-SODIUM HYDROGEN PHOSPHATE ANHYDROUS
analytical grade, ACS

DISODIUM HYDROGEN PHOSPHATE, SODIUM PHOSPHATE DIBASIC, SODIUM MONOHYDROGEN PHOSPHATE

FORMULA	Na ₂ HPO ₄	Assay (Acidimetric)	min 99 %	Potassium (K)	max 0,01 %
M	141,96	Non soluble in water	max 0,01 %	Zinc (Zn)	max 0,0005 %
CAS	7558-79-4	pH (5%, H ₂ O)	8,7 - 9,3	Loss on drying (105 °c)	max 0,2 %
EINECS	231-448-7	Chlorides (Cl)	max 0,001 %		
ADR/RID		Fluorides (F)	max 0,001 %		
INDEX MERCK		Sulphates (SO ₄)	max 0,005 %		
N° CEE		Total N	max 0,001 %		
UN		Arsenic (As)	max 0,00005 %		
R		Copper (Cu)	max 0,0003 %		
S		Heavy metals (as Pb)	max 0,001 %		
		Iron (Fe)	max 0,001 %		
		Lead (Pb)	max 0,001 %		

COD	PACKAGING	UN/BOX
LD03021000	1 kg	6

LD0095 ETHANOL 96 %
analytical grade, ACS, Ph. Eur, USP

ETHYL ALCOHOL, METHYLCARBINOL, SPIRIT OF WINE

FORMULA	C ₂ H ₆ O	Assay (G.C.) (v/v)	95,1 - 96,9 %	Aluminium (Al)	max 0,00005 %
M	46,07	Assay (G.C.) (w/w)	92,6 - 95,2 %	Antimony (Sb)	max 0,000005 %
CAS	64-17-5	Identity (IR Spectrum)	test ok	Arsenic (As)	max 0,000005 %
EINECS	200-578-6	20 °C Density	0,805 - 0,812 g/cm ³	Barium (Ba)	max 0,00002 %
ADR/RID	3/II	Appearance	test ok	Beryllium (Be)	max 0,000005 %
INDEX MERCK		Hazen Colour	max 10	Bismuth (Bi)	max 0,000005 %
N° CEE	603-002-00-5	Acidity	max 0,0005 meq/g	Boron (B)	max 0,000005 %
UN	1170	Alcalinity	max 0,0002 meq/g	Cadmium (Cd)	max 0,00001 %
R	11	Chlorides (Cl)	max 0,00005 %	Calcium (Ca)	max 0,0001 %
S	2 7 16	Nitrates (NO ₃)	max 0,00005 %	Chromium (Cr)	max 0,000005 %
		Phosphates (PO ₄)	max 0,00005 %	Cobalt (Co)	max 0,000005 %
		Sulphates (SO ₄)	max 0,00005 %	Copper (Cu)	max 0,000005 %



COD	PACKAGING	UN/BOX
LD00941000	1000 mL	6

LD0100 ETHANOL ABSOLUTE
HPLC ACS

ETHYL ALCOHOL, METHYLCARBINOL, SPIRIT, SPIRIT OF WINE

FORMULA	C ₂ H ₆ O	Assay (G.C.) (v/v)	min 99,8 %		
M	46,07	Assay (G.C.) (w/w)	min 99,5 %		
CAS	64-17-5	Solubility in water	test ok		
EINECS	200-578-6	Hazen Colour	max 10		
ADR/RID	3/II	Titrate acid	max 0,0005 meq/g		
INDEX MERCK		Titrate base	max 0,0002 meq/g		
N° CEE	603-002-00-5	Acetone, Isopropyl alcohol	test ok		
UN	1170	Methanol (G.C.)	max 0,1 %		
R	11	KMnO ₄ reducing matter	test ok		
S	2 7 16	Substances darkened by Sulfuric Acid	test ok		
		Non volatile matter	max 0,0004 %		
		Water (K.F.)	max 0,1 %		



Maximum absorbance in a 1,0 cm cell at wavelength					
205 nm	1,00	230 nm	0,20	300 nm	0,005
210 nm	0,65	250 nm	0,04		
220 nm	0,35	270 nm	0,01		

COD	PACKAGING	UN/BOX
LD01002500	2,5 L	4

LD0110 ETHYL ACETATE

HPLC ACS

ACETIC ACID ETHYL ETHER, ACETIC ETHER

FORMULA C4H8O2
M 88,10
CAS 141-78-6
EINECS 205-500-4
ADR/RID 3/II
INDEX MERCK 11, 3713 12, 3803
N° CEE 607-022-00-5
UN 1173
R 11 36 66 67
S 2 16 26 33

Assay (G.C.)	min 99,8 %
Hazen Colour	max 10
Titration acid	max 0,0009 meq/g
Substances darkened by H2SO4	test ok
Non volatile matter	max 0,0003 %
Water (K.F.)	max 0,05 %



Maximum absorbance in a 1,0 cm cell at wavelength

255 nm	1,00	300 nm	0,01
260 nm	0,12	330 nm	0,01
280 nm	0,05	350 nm	0,005

COD LD01102500
PACKAGING 2,5 L
UN/BOX 4

LD0304 ETHYLENEDIAMINETETRAACETIC ACID POWDER

analytical grade, ACS

EDETIC ACID, EDTA

FORMULA C10H16N2O8
M 292,25
CAS 60-00-4
EINECS 200-449-4
ADR/RID
INDEX MERCK
N° CEE
UN
R 36 52/53
S 2 61

Assay	99 - 101 %
Identity	test ok
Non soluble in water	max 0,005 %
pH (5 %, H2O, 20 °c)	4,0 - 5,0
Chlorides (Cl)	max 0,01 %
Sulphates (SO4)	max 0,02 %
Calcium (Ca)	max 0,002 %
Copper (Cu)	max 0,0001 %
Heavy metals (as Pb)	max 0,001 %
Iron (Fe)	max 0,0005 %
Lead (Pb)	max 0,001 %
Nitrilotriacetic acid	max 0,05 %

Loss on drying (150 °c, 6h) 8,7 - 11,4 %



COD LD03041000
PACKAGING 1 kg
UN/BOX 6

LD0401 FORMALDEHYDE 37 % SOLUT.

analytical grade

FORMALIN SOLUTION, FORMOL, METHYL ALDEHYDE SOLUTION

FORMULA CH2O
M 30,03
CAS 50-00-0
EINECS 200-001-8
ADR/RID 8/III
INDEX MERCK 11, 4150 12, 4262
N° CEE 605-001-00-5
UN 2209
R 23/24/25 34 40 43
S 1/2 26 36/37/39 45 51

Assay (Iodometric)	max 37 %
Identity	test ok
Density (20/4)	1,08 - 1,09 g/cm3
Hazen Colour	max 10
Free acid (as HCOOH)	max 0,025%
Chlorides (Cl)	max 0,0001 %
Sulphates (SO4)	max 0,002 %
Heavy metals (as Pb)	max 0,0002 %
Iron (Fe)	max 0,0001 %
Methanol (G.C.)	8 - 12 %
Sulphated ashes	max 0,002 %



COD LD04011000
PACKAGING 1000 mL
UN/BOX 6

LD0140 HEXANE, FRACTION FROM PETROLEUM
HPLC ACS

FORMULA C6H14
 M 86,18
 CAS 110-54-3
 EINECS 203-777-6
 ADR/RID 3/II
 INDEX MERCK
 N° CEE 601-037-00-0
 UN 1208
 R 11 38 48/20 51/53 62 65 67
 S 2.9 16 29 33 36/37 61 62



Hazen Colour	max 10
Sulphur compounds (as S)	max 0,005 %
Thiophene	test ok
Water-soluble titrable acid	max 0,0003 meq/g
Non volatile matter	max 0,0005 %
Water (K.F.)	max 0,02 %

Maximum absorbance in a 1,0 cm cell at wavelength

210 nm	0,40	280 nm	0,005
220 nm	0,10	400 nm	0,005
254 nm	0,01		

COD	PACKAGING	UN/BOX
LD01402500	2,5 L	4

LD0027 HYDROCHLORIC ACID 37 %
ACS

HYDROCHLORIC FUMING ACID, MURIATIC ACID, HYDROGEN CHLORIDE SOLUTION

FORMULA HCl
 M 36,46
 CAS 7647-01-0
 EINECS 231-595-7
 ADR/RID 8/II
 INDEX MERCK 11,04703 12, 4821
 N° CEE 017-002-01-X
 UN 1789
 R 34 37
 S 26 36/37/39 45



Assay	37,0 - 38,0 %
Identity	test ok
Appearance of solution	test ok
Hazen Colour	max 10
Bromide (Br)	max 0,005 %
Phosphates (PO4)	max 0,00005 %
Sulphates (SO4)	max 0,00005 %
Sulphites (SO3)	max 0,00005 %
Free Chlorine (Cl)	max 0,00004 %
Ammonium (NH4)	max 0,0001 %
Aluminium (Al)	max 0,000005 %
Arsenic (As)	max 0,000001 %

Barium (Ba)	max 0,000001 %
Beryllium (Be)	max 0,000001 %
Bismuth (Bi)	max 0,000005 %
Boron (B)	max 0,00001 %
Calcium (Ca)	max 0,00003 %
Cadmium (Cd)	max 0,000001 %
Chromium (Cr)	max 0,000001 %
Cobalt (Co)	max 0,000001 %
Copper (Cu)	max 0,000001 %
Gallium (Ga)	max 0,000005 %
Germanium (Ge)	max 0,000002 %
Gold (Au)	max 0,000005 %

COD	PACKAGING	UN/BOX
LD00271000	1000 mL	6

LD0305 IRON (II) SULPHATE 7-HYDRATE
analytical grade, ACS, ISO

IRON VITRIOL

FORMULA FeSO4*7H2O
 M 278,02
 CAS 7782-63-0
 EINECS 231-753-5
 ADR/RID
 INDEX MERCK
 N° CEE
 UN
 R 22
 S 2 46



Assay (Permanaganometric)	min 99,5 %
Identity	test ok
Appearance	test ok
Non soluble in water	max 0,01 %
pH (5 %, H2O)	3,0 - 4,0
Chlorides (Cl)	max 0,0005 %
Phosphates (PO4)	max 0,001 %
Total nitrogen (N)	max 0,001 %
Arsenic (As)	max 0,0002 %
Calcium (Ca)	max 0,005 %
Copper (Cu)	max 0,001 %
Heavy metals (as Pb)	max 0,005 %

Iron (III) Fe (III)	max 0,02 %
Lead (Pb)	max 0,0005 %
Magnesium (Mg)	max 0,002 %
Manganese (Mn)	max 0,05 %
Potassium (K)	max 0,002 %
Sodium (Na)	max 0,02 %
Zinc (Zn)	max 0,005 %
Non-precipitable with ammonia (as SO4)	max 0,05 %

COD	PACKAGING	UN/BOX
LD03051000	1 kg	6

LD0220 ISOCTANE

HPLC ACS

FORMULA C8H18
M 114,26
CAS 540-84-1
EINECS 208-759-1
ADR/RID 3/II
INDEX MERCK
N° CEE 601-009-00-8
UN 1262
R 11 38 50/53 65 67
S 2 9 16 29 33 46 60 61

Assay (G.C.)	min 99,7 %
Hazen Colour	max 10
Water-soluble titrable acid	max 0,0003 meq/g
Sulphur compounds (as S)	max 0,005 %
Non volatile matter	max 0,0003 %
Water (K.F.)	max 0,02 %



Maximum absorbance in a 1,0 cm cell at wavelength

205 nm	1,00	260 nm	0,01
220 nm	0,20	280 nm	0,01
230 nm	0,10		

COD	PACKAGING	UN/BOX
LD02201000	1000 mL	6

LD0148 METHANOL

analytical grade, ACS

METHYL ALCOHOL, CARBINOL, METHYNOL, WOOD ALCOHOL

FORMULA CH4O
M 32,04
CAS 67-56-1
EINECS 200-659-6
ADR/RID 3/II
INDEX MERCK 11, 5868 12, 6024
N° CEE 603-001-00-X
UN 1230
R 11 23/24/25 39/23/24/25
S 2 7 16 36/37 45

Assay (G.C.)	min 99,9 %
Identity (IR-Spectrum)	test ok
Density (20°/20°)	0,791 - 0,793 g/cm3
Appearance	test ok
Hazen Colour	max 10
Solubility in water	test ok
Acidity	max 0,0003 meq/g
Alcalinity	max 0,0002 meq/g
Chlorides (Cl)	max 0,0001 %
Sulphates (SO4)	max 0,0001 %
Aluminium (Al)	max 0,00005 %
Arsenic (As)	max 0,000005 %

Barium (Ba)	max 0,00002 %
Beryllium (Be)	max 0,000005 %
Bismuth (Bi)	max 0,000005 %
Boron (B)	max 0,000005 %
Cadmium (Cd)	max 0,00001 %
Calcium (Ca)	max 0,0001 %
Chromium (Cr)	max 0,000005 %
Cobalt (Co)	max 0,000005 %
Copper (Cu)	max 0,000005 %
Gold (Au)	max 0,000005 %
Indium (In)	max 0,000005 %
Iron (Fe)	max 0,00002 %



COD	PACKAGING	UN/BOX
LD01481000	1000 mL	6

LD0150 METHANOL

HPLC ACS

METHYL ACOHOL, CARBINOL, METHYNOL, WOOD ALCOHOL

FORMULA CH3OH
M 32,04
CAS 67-56-1
EINECS 200-659-6
ADR/RID 3/II
INDEX MERCK
N° CEE 603-001-00-X
UN 1230
R 11 23/24/25 39/23/24/25
S 2 7 16 36/37 45

Assay (G.C.)	min 99,9 %
Solubility in water	test ok
Hazen Colour	max 10
Titriable acid	max 0,0003 meq/g
Titriable base	max 0,0002 meq/g
Acetone (G.C.)	max 0,001 %
Formaldehyde	max 0,001 %
Substances darkened by H2SO4	test ok
Substances reducing permanganate	test ok
Non volatile matter	max 0,0002 %
Water (K.F.)	max 0,05 %
LC Gradient Elution Suitability	test ok



Maximum absorbance in a 1,0 cm cell at wavelength

205 nm	1,00	254 nm	0,01
220 nm	0,25	280 nm	0,005
240 nm	0,05	400 nm	0,005

COD	PACKAGING	UN/BOX
LD01502500	2,5 L	4

LD0080 N,N-DIMETHYLFORMAMIDE
HPLC ACS

FORMULA C3H7NO
 M 73,10
 CAS 68-12-2
 EINECS 200-679-5
 ADR/RID 3/III
 INDEX MERCK
 N° CEE 616-001-00-X
 UN 2265
 R 11 61 E20/21 36
 S 2.53 36/37 45

Assay (G.C.)	min 99,8 %
Hazen Colour	max 10
Titration acid	max 0,0005 meq/g
Titration base	max 0,003 meq/g
Non volatile matter	max 0,0005 %
Water (K.F.)	max 0,05 %



Maximum absorbance in a 1,0 cm cell at wavelength

270 nm	1,00	310 nm	0,05
275 nm	0,30	340 nm	0,01
295 nm	0,10	400 nm	0,01

COD	PACKAGING	UN/BOX
LD00802500	2,5 L	4

LD0120 N-HEPTANE 99 %

N-DIPROPYLMETHANE

HPLC

FORMULA C7H16
 M 100,21
 CAS 142-82-5
 EINECS 205-563-8
 ADR/RID 3/II
 INDEX MERCK
 N° CEE 601-008-00-2
 UN 1206
 R 11 38 50/53 65 67
 S 2.9 16 29 33 46 60 61

Assay (G.C.)	min 99,0 %
Assay (C7 Hydrocarbons) (G.C.)	min 99,5 %
Hazen Colour	max 10
Non volatile matter	max 0,0003 %
Water (K.F.)	max 0,02 %



Maximum absorbance in a 1,0 cm cell at wavelength

197 nm	1,00	254 nm	0,01
210 nm	0,40	280 nm	0,01
225 nm	0,10		

COD	PACKAGING	UN/BOX
LD01202500	2,5 L	4

LD0130 N-HEXANE 95 %
HPLC

FORMULA C6H14
 M 86,18
 CAS 110-54-3
 EINECS 203-777-6
 ADR/RID 3/II
 INDEX MERCK
 N° CEE 601-037-00-0
 UN 1208
 R 11 38 48/20 51/53 62 65 67
 S 2.9 16 29 33 36/37 61 62

Assay (G.C.)	min 95 %
Assay (C6 Hydrocarbons) (G.C.)	min 99,5 %
Hazen Colour	max 10
Sulphur compounds (as S)	max 0,005 %
Thiophene	test ok
Water soluble titration acid	max 0,0003 meq/g
Non volatile matter	max 0,0002 %
Water (K.F.)	max 0,01 %



Maximum absorbance in a 1,0 cm cell at wavelength

195 nm	1,00	254 nm	0,01
210 nm	0,20	280 nm	0,005
220 nm	0,08	400 nm	0,005

COD	PACKAGING	UN/BOX
LD01302500	2,5 L	4

LD0029 NITRIC ACID 65 %

STRONG WATER, RECORDERS ACID, AZOIC ACID

analytical grade

FORMULA HNO3
M 63,01
CAS 7697-37-2
EINECS 231-714-2
ADR/RID 8/II
INDEX MERCK 11,6495
N° CEE 007-004-00-1
UN 2031
R 8 35
S 1/2 23 26 36 45



Assay (Acidimetric)	min 65 %	Potassium (K)	max 0,00001 %
Chlorides (Cl)	max 0,00005 %	Sodium (Na)	max 0,00005 %
Phosphates (PO4)	max 0,0001 %	Zinc (Zn)	max 0,000005 %
Sulphates (SO4)	max 0,0002 %	Calcination residue (as SO4)	max 0,0005 %
Aluminium (Al)	max 0,00001 %		
Arsenic (As)	max 0,000001 %		
Cobalt (Co)	max 0,000002 %		
Copper (Cu)	max 0,000001 %		
Lead (Pb)	max 0,000002 %		
Magnesium (Mg)	max 0,00001 %		
Manganese (Mn)	max 0,000005 %		
Nickel (Ni)	max 0,000005 %		

COD	PACKAGING	UN/BOX
LD00191000	1000 mL	6

LD0028 ORTOPHOSPHORIC ACID 85 %

analytical grade, ACS, ISO

FORMULA H3PO4
M 98,00
CAS 7664-38-2
EINECS 231-633-2
ADR/RID 8/III
INDEX MERCK 11,7318
N° CEE 015-011-00-6
UN 1805
R 34
S 1/2 26 45



Assay (Acidimetric)	min 85 %	Arsenic (As)	max 0,00005 %
Identity	test ok	Cadmium (Cd)	max 0,00005 %
Appearance of solution	test ok	Calcium (Ca)	max 0,002 %
Hazen Colour	max 10	Cobalt (Co)	max 0,00005 %
Non soluble in water	max 0,001 %	Copper (Cu)	max 0,00005 %
Volatile acids (as CH3COOH)	max 0,001 %	Heavy metals (as Pb)	max 0,001 %
Chlorides (Cl)	max 0,0002 %	Iron (Fe)	max 0,001 %
Fluorides (F)	max 0,0001 %	Lead (Pb)	max 0,00005 %
Nitrates (NO3)	max 0,0003 %	Magnesium (Mg)	max 0,00005 %
Phosphites, Hypophosphites (as H3PO3)	max 0,002 %	Manganese (Mn)	max 0,00005 %
Sulphates (SO4)	max 0,002 %	Nickel (Ni)	max 0,0001 %
Antimony (Sb)	max 0,0005 %	Potassium (K)	max 0,0005 %

COD	PACKAGING	UN/BOX
LD00281000	1000 mL	6

LD0160 PETROLEUM ETHER 40 - 60° C

HPLC ACS

FORMULA
M
CAS 64742-49-0
EINECS 265-151-9
ADR/RID 3/II
INDEX MERCK 649, 328, 00,1
N° CEE 649-328-00-1
UN 1268
R 11 52/53 65
S 2 9 16 23,2 51 24 33 46



Hazen Colour	max 10		
Boiling range	40-60 °C		
Acidity	test ok		
Sulphur compounds (as S)	max 0,005 %		
Substances darkened by H2SO4	test ok		
Non volatile matter	max 0,0003 %		
Water (K.F)	max 0,01 %		

Maximum absorbance in a 1,0 cm cell at wavelength				COD	PACKAGING	UN/BOX
210 nm	0,50	254 nm	0,01	LD01601000	1000 mL	6
220 nm	0,10	280 nm	0,008			
230 nm	0,05	300 nm	0,005			

LD0309 POTASSIUM IODIDE

KNOLLIDE

analytical grade, ACS, ISO

FORMULA	KI	Assay Argentometric	min 99,5 %	Copper (Cu)	max 0,0005 %
M	166,01	Non soluble in water	max 0,0005 %	Heavy metals (as Pb)	max 0,0005 %
CAS	7681-11-0	pH (5 %, H2O)	6,0 - 8,0	Iron (Fe)	max 0,0003 %
EINECS	231-659-4	Chlorides, Bromides (as Cl)	max 0,01 %	Lead (Pb)	max 0,0005 %
ADR/RID		Iodates and Iodine	max 0,0002 %	Magnesium (Mg)	max 0,001 %
INDEX MERCK		Phosphates (PO4)	max 0,001 %	Sodium (Na)	max 0,005 %
N° CEE		Sulphates (SO4)	max 0,001 %	Reducing matter	test ok
UN		Thiosulphates (S2O3)	max 0,005 %		
R		Total N	max 0,001 %		
S		Arsenic (As)	max 0,00001 %		
		Barium (Ba)	max 0,002 %		
		Calcium (Ca)	max 0,001 %		


COD **PACKAGING** **UN/BOX**
 LD03091000  1 kg 6

LD0306 SILVER NITRATE

analytical grade, ACS, ISO

FORMULA	AgNO3	Assay (Argentimetric)	min 99,8 %	Manganese (Mn)	max 0,0005 %
M	169,87	Identity	test ok	Nickel (Ni)	max 0,0005 %
CAS	7761-88-8	Appearance	test ok	Zinc (Zn)	max 0,0001 %
EINECS	231-853-9	Non soluble in water	test ok	Non precipitable with HCl (as SO4)	max 0,01 %
ADR/RID	5,1/II	Acidity/ Alkalinity	test ok		
INDEX MERCK		Chlorides (Cl)	max 0,0005 %		
N° CEE	047-001-00-2	Nitrates (NO3)	max 0,05 %		
UN	1493	Sulphates (SO4)	max 0,002 %		
R	34 50/53	Cadmium (Cd)	max 0,0001 %		
S	2 26 36/37/39 45 60 61	Copper (Cu)	max 0,0002 %		
		Iron (Fe)	max 0,0002 %		
		Lead (Pb)	max 0,001 %		



COD **PACKAGING** **UN/BOX**
 LD03060050  50 g 6

LD0310 SODIUM CHLORIDE

SALT, COMMON SALT, ROCK SALT, SEA SALT

analytical grade, ACS, ISO

FORMULA	NaCl	Assay (Argentometric, on dried substance)	99,0 - 100,5 %	Total N	max 0,0005 %
M	58,44	Identity	test ok	Arsenic (As)	max 0,00004 %
CAS	7647-14-5	Appearance	test ok	Barium (Ba)	max 0,001 %
EINECS	231-598-3	Non soluble in water	max 0,005 %	Calcium (Ca)	max 0,002 %
ADR/RID		pH (5%, H2O)	5,0 - 8,0	Copper (Cu)	max 0,0002 %
INDEX MERCK		Acidity/ Alkalinity	test ok	Heavy metals (as Pb)	max 0,0005 %
N° CEE		Bromides (Br)	max 0,005 %	Iron (Fe)	max 0,0001 %
UN		Chlorates and nitrates (as NO3)	max 0,003 %	Magnesium (Mg)	max 0,001 %
R		Hexacyanoferrate (II) (Fe(CN) 6)	max 0,0001 %	Nickel (Ni)	max 0,0005 %
S		Iodides (I)	max 0,001 %	Potassium (K)	max 0,005 %
		Phosphates (PO4)	max 0,0005 %	Loss on drying (105 °C, 2h)	max 0,5 %
		Sulphates (SO4)	max 0,001 %		

COD **PACKAGING** **UN/BOX**
 LD03101000  1 kg 6

LD0311 SODIUM HYDROXIDE PELLETS

CAUSTIC SOSA

analytical grade, ACS, ISO

FORMULA NaOH
 M 40,00
 CAS 1310-73-2
 EINECS 215-185-5
 ADR/RID 8/II
 INDEX MERCK
 N° CEE 011-002-00-6
 UN 1823
 R 35
 S 2.26 36/37/39 45



Assay (Acidimetric)	min 99,0 %	Calcium (Ca)	max 0,0005 %
Identity	test ok	Copper (Cu)	max 0,0005 %
Appearance	test ok	Heavy metals (as Pb)	max 0,0005 %
Carbonates (as Na ₂ CO ₃)	max 1,0 %	Iron (Fe)	max 0,0005 %
Chlorides (Cl)	max 0,0005 %	Lead (Pb)	max 0,0002 %
Phosphates (PO ₄)	max 0,0005 %	Magnesium (Mg)	max 0,002 %
Silicates (SiO ₂)	max 0,001 %	Mercury (Hg)	max 0,00001 %
Sulphates (SO ₄)	max 0,0005 %	Nickel (Ni)	max 0,0005 %
Ammonium hydroxide precipitate	max 0,02 %	Potassium (K)	max 0,02 %
Total N	max 0,0003 %	Zinc (Zn)	max 0,0005 %
Aluminium (Al)	max 0,0005 %		
Arsenic (As)	max 0,0001 %		

COD	PACKAGING	UN/BOX
LD03111000	1 kg	6

LD0312 SODIUM SULPHATE ANHYDROUS
analytical grade, ACS

FORMULA
 M
 CAS
 EINECS
 ADR/RID
 INDEX MERCK
 N° CEE
 UN
 R
 S

Assay (G.C.)	min 99 %	Magnesium (Mg)	max 0,05 %
Identity	test ok	Potassium (K)	max 0,002 %
Appearance (10 % in water)	test ok	Loss on ignition (800°, 15 min)	max 0,5 %
Non soluble in water	max 0,01 %		
pH (5 %, H ₂ O)	5,2 - 8,0		
Chlorides (Cl)	max 0,001 %		
Phosphates (PO ₄)	max 0,001 %		
Total-N	max 0,0005 %		
Arsenic (As)	max 0,0001 %		
Calcium (Ca)	max 0,01 %		
Heavy metals (as Pb)	max 0,0005 %		
Iron (Fe)	max 0,0005 %		

COD	PACKAGING	UN/BOX
LD03121000	1 kg	6

LD0032 SULPHURIC ACID 96 %

VITRIOL, VITRIOL OIL

analytical grade

FORMULA H₂SO₄
 M 98,08
 CAS 7664-93-9
 EINECS 231-639-5
 ADR/RID 8/II
 INDEX MERCK 11,8953
 N° CEE 016-020-00-8
 UN 1830
 R 35
 S 26 30 45



Assay	95,6 - 97,0 %	Cadmium (Cd)	max 0,000002 %
Appearance of solution	test ok	Calcium (Ca)	max 0,00002 %
Hazen Colour	max 10	Chromium (Cr)	max 0,000005 %
Chlorides (Cl)	max 0,00001 %	Cobalt (Co)	max 0,000001 %
Nitrates (NO ₃)	max 0,00002 %	Copper (Cu)	max 0,000001 %
Phosphates (PO ₄)	max 0,00005 %	Germanium (Ge)	max 0,000005 %
Aluminium (Al)	max 0,000005 %	Heavy metals (as Pb)	max 0,0001 %
Ammonium (NH ₄)	max 0,0002 %	Iron (Fe)	max 0,00001 %
Arsenic (As)	max 0,000001 %	Lead (Pb)	max 0,000002 %
Barium (Ba)	max 0,000005 %	Lithium (Li)	max 0,000001 %
Beryllium (Be)	max 0,000001 %	Magnesium (Mg)	max 0,000005 %
Bismuth (Bi)	max 0,00001 %	Manganese (Mn)	max 0,000001 %

COD	PACKAGING	UN/BOX
LD00321000	1000 mL	6

LD0030 TERT-BUTYL METHYL ETHER

HPLC

FORMULA C5H12O
 M 88,15
 CAS 1634-04-4
 EINECS 216-653-1
 ADR/RID 3/II
 INDEX MERCK
 N° CEE
 UN 2398
 R 11 66
 S 2 16 23.2 51 29 33

Assay (G.C.)	min 99,8 %
Hazen Colour	max 10
Peroxides (as H2O2) at time of packaging	max 0,0001 %
Non volatile matter	max 0,0003 %
Water (K.F.)	max 0,05 %



Maximum absorbance in a 1,0 cm cell at wavelength				COD	PACKAGING	UN/BOX
210 nm	1,00	270 nm	0,02	LD0030100	1000 mL	6
225 nm	0,50	300 nm	0,01			
250 nm	0,12					

LD0180 TETRAHYDROFURAN

THF, TETRAMETHYLENE

HPLC ACS

FORMULA C4H8
 M 72,11
 CAS 109-99-9
 EINECS 203-726-8
 ADR/RID 3/II
 INDEX MERCK
 N° CEE 603-025-00-0
 UN 2056
 R 11 19 36/37
 S 2 16 29 33

Assay (G.C.)	min 99,8 %
Hazen Colour	max 10
Peroxides (as H2O2) at time of packaging	max 0,015 %
Non volatile matter	max 0,0005 %
Water (K.F.)	max 0,03 %



Maximum absorbance in a 1,0 cm cell at wavelength				COD	PACKAGING	UN/BOX
212 nm	1,00	350 nm	0,01	LD01802500	2,5 L	4
225 nm	0,50					
250 nm	0,17					

LD0200 TOLUENE

METHYLBENZENE, PHENYLMETHANE

HPLC ACS

FORMULA C7H8
 M 92,14
 CAS 108-88-3
 EINECS 203-625-9
 ADR/RID 3/II
 INDEX MERCK
 N° CEE 601-021-00-3
 UN 1294
 R 11 20
 S 2 16 25 29 33

Assay (G.C.)	min 99,8 %
Hazen Colour	max 10
Sulphur compounds (as S)	max 0,003 %
Substances darkened by H2SO4	test ok
Non volatile matter	max 0,0004 %
Water (K.F.)	max 0,03 %



Maximum absorbance in a 1,0 cm cell at wavelength						COD	PACKAGING	UN/BOX
285 nm	1,00	293 nm	0,20	335 nm	0,02	LD02001000	1000 mL	6
286 nm	0,70	300 nm	0,10	350 nm	0,01			
288 nm	0,40	310 nm	0,05	400 nm	0,01			

LD0210 TRIETHYLAMINE
HPLC

FORMULA C6H15N
 M 101,19
 CAS 121-44-8
 EINECS 204-469-4
 ADR/RID 3/II
 INDEX MERCK
 N° CEE 612-004-00-5
 UN 1296
 R 11 20/21/22 35
 S 2 3 16 26 29 36/37/39 45



Assay (G.C.)	min 99,5 %	
Hazen Colour	max 10	
Water (K.F.)	max 0,2 %	

Maximum absorbance in a 1,0 cm cell at wavelenght		COD	PACKAGING	UN/BOX
254 nm	0,10	LD02102500	2,5 L	4
265 nm	0,04			
300 nm	0,02			

LD0230 WATER
HPLC ACS

FORMULA H2O
 M 18,02
 CAS 7732-18-5
 EINECS 231-791-2
 ADR/RID
 INDEX MERCK 11.9951
 N° CEE
 UN
 R
 S

Fluorescence, 450 nm, as quinine	max 0,1 ppb	
Conductivity	max	
LD gradient elution suitability	test ok	
Chlorides (Cl)	max 0,00004 %	
Nitrates (NO3)	max 0,00004 %	
Phosphatos (PO4)	max 0,0001 %	
Silicates (SiO2)	max 0,0000001 %	
Sulphates (SO4)	max 0,0001 %	
Heavy metals (as Pb)	max 0,0000001 %	
KMnO4 reducing matter	test ok	
Non volatile matter	max 0,0001 %	

Maximum absorbance in a 1,0 cm cell at wavelenght		COD	PACKAGING	UN/BOX
190 nm max	0,01	LD02302500	2,5 L	4
200 nm max	0,01			
210 nm max	0,01			
250 nm max	0,005			
400 nm max	0,005			



FACTORY AND OFFICE
TORRENT D'EN BAIELL, 36
08181 SENTMENAT
BARCELONA (SPAIN)
t +34 902 734 993
info@groupt3.com