

Sorted by value	
Refractive Index [nD]	SAMPLES
1.274-1.276	Sevoflurane
1.300	2H-,3H-Perfluoropentan
1.315	Perfluorodecalin
1.333	Water
1.333	Saline
1.333-1.372	Acetic acid
1.333-1.353	Ammonia
1.333-1.377	Ammonium chloride
1.333-1.397	Ammonium sulfate
1.333-1.375	Barium chloride
1.333-1.336	Boric acid
1.333-1.403	Calcium chloride
1.333-1.417	Cesium chloride
1.333-1.380	Cobaltous chloride
1.333-1.349	Creatinine
1.333-1.367	Cupric sulfate
1.333-1.349	Dextran
1.333-1.362	Ethanol
1.333-1.393	Ethylene glykol
1.333-1.383	Ferric chloride
1.333-1.365	Formic acid
1.333-1.459	D-Fructose
1.333-1.439	D-Glucose
1.333-1.403	Hydrochloracid
1.333-1.348	Inulin
1.333-1.417	Lactic acid
1.333-1.359	Lactose
1.333-1.387	Lead nitrate

	Alphabetical order	
T [°C]	SAMPLES	Refractive Index [nD]
20	Acetic acid	1.333-1.372
20	Acetic acid 30%	1.351
20	Aceton	1.358
20	Acetyltributylcitrate	1.442-1.445
20	Acryl glass	1.490
20	Acrylnitril	1.391
20	AdBlue	1.383
20	Aloe extract	1.334
20	Alumina	1.760
20	Ammonia	1.333-1.353
20	Ammonia solution	1.367-1.377
20	Ammonium chloride	1.333-1.377
20	Ammonium sulfate	1.333-1.397
20	Anethole 25°C	1.559-1.561
20	Anilin	1.586
20	Anise oil	1.552-1.561
20	Anisol	1.518
20	Apple	1.350
20	Asphalt / bitumen	1.650
20	Barium chloride	1.333-1.375
20	Basic solution, viscose	1.393-1.397
20	Bean jam	1.430
20	Beef curry	1.357
20	Beer	1.340
20	Benzol	1.490
20	Benzyl alcohol	1.538-1.541
20	Benzyl benzoate	1.568-1.570
20	Benzyl nicotinate	1.569-1.570

REFRACTOMETER SAMPLES

Sorted by value		T [°C]	Alphabetical order	
Refractive Index [nD]	SAMPLES		SAMPLES	Refractive Index [nD]
1.333-1.391	Silver nitrate	20	Citronella oil	1.463-1.475
1.333-1.375	Sodium acetate	20	Clofibrate	1.500-1.505
1.333-1.340	Sodium bicarbonate	20	Clove oil	1.530
1.333-1.400	Sodium bromide	20	Cobaltous chloride	1.333-1.380
1.333-1.367	Sodium carbonate	20	Coconut oil	1.440
1.333-1.379	Sodium chloride	20	Cocoyl caprylocaprate	1.445
1.333-1.417	Sodium diatrizoate	20	Codliver oil Type-A/B	1.477-1.484
1.333-1.513	Sodium dichromate	20	Coffee	1.340
1.333-1.373	Sodium ferrocyanide	20	Coke	1.350
1.333-1.433	Sodium hydroxide	20	Concentrated juice	1.430
1.333-1.349	Sodium molybdate	20	Condensed milk	1.450
1.333-1.379	Sodium nitrate	20	Cooking oil	1.480
1.333-1.387	Sodium phosphate	20	Coriander oil	1.462-1.470
1.333-1.355	Sodium sulfate	20	Corn soup	1.347
1.333-1.423	Sodium thiosulfate	20	Creatinine	1.333-1.349
1.333-1.430	Sodium tungstate	20	Cupric sulfate	1.333-1.367
1.333-1.407	Strontium chloride	20	Cutting oil emulsion	1.334
1.333-1.501	Sucrose	20	Cyclohexan	1.426
1.333-1.403	Sulfuric acid	20	Cauliflower, swede, paprika	1.342
1.333-1.397	Tham	20	Cherry	1.345
1.333-1.401	Trichloroacetic acid	20	Decyl oleate	1.456-1.458
1.333-1.403	Urea	20	Dextran	1.333-1.349
1.333-1.348	Urine solida human	20	D-Fructose	1.333-1.459
1.333-1.365	Zink sulfate	20	D-Glucose	1.333-1.439
1.334	Cutting oil emulsion	20	Dibutyl adipate	1.435
1.334	Plant cell culture	20	Dibutyl phthalate (DBP)	1.490-1.495
1.334	Grinding chemical liquid	20	Dichloromethane	1.423-1.425
1.334	Aloe extract	20	Diesel oil	1.478

Sorted by value	
Refractive Index [nD]	SAMPLES
1.335	Green tea
1.336	Miso soup
1.338-1.341	2-Propanol 10%
1.340	Japanese plum
~1.340	Beer
~1.340	Coffee
1.342	Endive, asparagus, pea, cauliflower, swede, paprika, salat, tomato, onion
1.345	Carrot, bean, broccoli, blueberry, blackberry, raspberry, cherry
1.345	Plain yogurt
1.345-1.348	2-Propanol 20%
1.346	Lime / Lemon
1.347	Corn soup
1.348	Orange
1.348	Gelatin liquid
1.350	Apple
1.350	Watermelon, wineberry
1.350	Soy milk
1.350	Coke
1.350	Milk
1.351	Acetic acid 30%
1.352	Formic acid 25%
1.352	Paper starch
1.353-1.356	2-Propanol 30%
1.354	1,2,2-Trifluortrichlorethan / Freon 113
1.355	Egg
1.357	Electrical discharging liquid
1.357	Beef curry

	Alphabetical order	
T [°C]	SAMPLES	Refractive Index [nD]
20	Diethyl phthalate	1.500-1.505
20	Diethylene glycol monoethyl ether	1.426-1.428
20	Diiodbenzol	1.718
20	Diiodmethan	1.743
20	Diiodopropan	1.642
20	Diisopropyl adipate	1.424
20	Dimercaprol	1.568-1.574
20	Dimethicone 1000+	1.404-1.406
20	Dimethicone 350+	1.404-1.406
20	Dimethyl sulfoxide	1.478-1.479
20	Dimethylacetamide	1.435-1.439
20	D-Mannitol	1.333-1.355
20	Dalmatian sage	1.457-1.473
20	Damascenon	1.380
20	Egg	1.355
20	Electrical discharging liquid	1.357
20	Electrolyte	1.370
20	Emulsifying hydrophobic base gel	1.473-1.483
20	Endive, asparagus, pea, salat, tomato, onion	1.342
20	Epoxy	1.620
20	Egg yolk	1.420
20	Ethyl acetate	1.370-1.373
20	Ethanol	1.333-1.362
20	Ethylenglycol	1.431
20	Ethylhexylglycerin	1.449-1.453
20	Eucalyptus oil	1.458-1.470
20	Eugenol	1.540-1.542

Sorted by value	
Refractive Index [nD]	SAMPLES
1.358	Aceton
1.359–1.361	2-Propanol 40%
1.360	Lactic acid bacteria beverage
1.360	Nectar
1.360	Silicone solution
1.363–1.365	2-Propanol 50%
1.366	Canned seasoning yogurt
1.367-1.377	Ammonia solution
1.368	Pudding
1.368–1.369	2-Propanol 60%
1.369	Formic acid 85%
1.370	Electrolyte
1.370-1.373	Ethyl acetate
1.371	Formic acid 98%
1.371–1.372	2-Propanol 70%
1.372	Canned syrup
1.372-1.374	Campherspiritus
1.374–1.375	2-Propanol 80%
1.375	Trichlorfluormethan / Freon 11
1.376	Starch
1.376–1.377	2-Propanol 90%
1.380	Chili sauce
1.380	Damascenon
1.381	Magnesium fluoride
1.383	AdBlue
1.384-1.387	1-Propanol
1.385	Ketchup
1.388	n-Heptan

	Alphabetical order	
T [°C]	SAMPLES	Refractive Index [nD]
20	Ferric chloride	1.333-1.383
20	Flint glass	1.620
20	Formic acid	1.333-1.365
20	Formic acid 25%	1.352
20	Formic acid 85%	1.369
20	Formic acid 98%	1.371
20	Gelatin liquid	1.348
20	Glucose syrup	1.463-1.495
20	Glycerin	1.474
20	Glycerol	1.470-1.475
20	Glycerol 85%	1.449-1.455
20	Glycerol diisostearate at 30°C	1.462-1.468
20	Green tea	1.335
20	Grinding chemical liquid	1.334
20	Hexetidine	1.461-1.467
20	Honey	1.520
20	Honey starch syrup	1.495
20	Human serum or plasma	1.333-1.361
20	Hydrochloracid	1.333-1.403
20	Hydrophobic base gel	1.475-1.495
20	Hydroxyethyl salicylate	1.548-1.551
20	Immersion oil	1.512
20	Inulin	1.333-1.348
20	Iodbenzol	1.620
20	Iodnaphthalin	1.701
20	Isoeugenol	1.577
20	Isopropyl myristate	1.434-1.437
20	Isopropyl palmitate	1.436-1.440

REFRACTOMETER SAMPLES



Sorted by value		T [°C]	Alphabetical order	
Refractive Index [nD]	SAMPLES		SAMPLES	Refractive Index [nD]
1.391	Acrylnitril	20	Japanese plum	1.340
1.393-1.397	Basic solution, Viscose	20	Juniper oil	1.471-1.483
1.395	Soy sauce	20	Ketchup	1.385
1.396	Vinyl acetat	20	Carbon disulfide	1.630
1.398	n-Octan	20	Lactic acid	1.333-1.417
1.400	Pastry cream	20	Lactic acid bacteria beverage	1.360
~1.400	Macrogolglycerolcaprylocaprte	20	Lactose	1.333-1.359
1.402-1.405	Potassium Lactate	20	Lactulose-syrup	1.445-1.478
1.403-1.406	Paraldehyde	20	Lard at 40°C	1.458-1.461
1.404-1.406	Dimethicone 350+	20	Lavender oil	1.455-1.466
1.404-1.406	Dimethicone 1000+	20	Lead nitrate	1.333-1.387
1.406	Silicone oil	20	Lemon oil	1.473-1.476
1.420	Egg yolk	20	Lime / lemon	1.346
1.422-1.425	Valproic Acid	20	Lithium chloride	1.333-1.399
1.423-1.425	Dichloromethane	20	Macrogol-20-glycerolmonostearat	1.464-1.468
1.424	Diisopropyl Adipate	20	Macrogolglycerolcaprylocaprte	~1.400
1.426	Cyclohexan	20	Macrogolglycerololeate	1.470
1.426-1.428	Diethylene Glycol Monoethyl Ether	20	Macrogolglycerolricinoleat	1.470-1.474
1.429-1.430	Methanesulfonic Acid	20	Macrogololeat	~1.466
1.429-1.432	Triacetin	20	Magnesium chloride	1.333-1.415
1.430	Calcium fluoride	20	Magnesium fluoride	1.381
1.430	Bean jam	20	Magnesium sulfate	1.333-1.385
1.430	Soy bean	20	Maltose	1.333-1.357
1.430	Concentrated juice	20	Mandarin peel oil	1.474-1.478
1.431	Ethylenglycol	20	Manganous sulfate	1.333-1.373
1.431-1.433	Propylene glycol	20	Marmelade / jam / jelly	1.460
1.434-1.437	Isopropyl myristate	20	Medium-chain triglycerides	1.440-1.452
1.435	Dibutyl adipate	20	Marshmallow syrup	1.440-1.455
			Methanesulfonic acid	1.429-1.430

Sorted by value	
Refractive Index [nD]	SAMPLES
1.435-1.439	Dimethylacetamide
1.435-1.440	Pentylene glycol
1.436-1.440	Isopropyl palmitate
1.439-1.441	1,3-Butanediol
1.439-1.442	Propylenglycoldicaprylocaprate
1.440	Coconut oil
1.440-1.450	Cetylstearylisononanoat
1.440-1.455	Eibischsirup
1.440-4.444	2-Ethylhexyl laurate
1.440-1.444	2-Ethylhexyllauromyristat
1.440-1.446	Triethyl citrate
1.440-1.452	Medium-chain triglycerides
1.442-1.445	Acetyltributylcitrate
1.444-1.448	Cetearyl octanoate
1.445	Cocoyl caprylocaprate
1.445-1.478	Lactulose-Syrup
1.449-1.453	Ethylhexylglycerin
1.449-1.455	Glycerol 85%
1.450	Condensed milk
1.450	Butter
1.450-1.454	Squalan
1.453-1.457	Octyldodecanol
1.455-1.465	Sorbital solution 70% non crystalizing
1.455-1.466	Lavender oil
1.456-1.458	Decyl oleate
1.456-1.460	Cineol
1.456-1.466	Muscatel sage
1.456–1.470	Mint oil

	Alphabetical order	
T [°C]	SAMPLES	Refractive Index [nD]
20	Methanol	1.333-1.340
20	Methyl salicylate	1.535-1.538
20	Methylene Iodide	1.744
20	Milk	1.350
20	Mint oil	1.456–1.470
20	Miso soup	1.336
20	Molasses	1.470
20	Monobromnaphthalin	1.650
20	Mountain pine oil	1.474-1.480
20	Muscatel sage	1.456-1.466
20	Natural rubber	1.540
20	Nectar	1.360
20	Neroli oil	1.464-1.474
20	n-Heptan	1.388
20	Nickel sulfat	1.333-1.345
20	Nikethamide	1.524-1.526
20	Nitric acid	1.333-1.387
20	N-Methylpyrrolidone	1.469
20	n-Octan	1.398
20	Nutmeg oil	1.457-1.485
20	Octyldodecanol	1.453-1.457
20	Oleic acid	1.457-1.461
20	Oleyl alcohol at 25 °C	1.458-1.460
20	Oleyl oleate	1.464-1.466
20	Olive oil	1.468
20	Orange	1.348
20	Oil	1.473-1.478
20	Paraffin	1.479

Sorted by value	
Refractive Index [nD]	SAMPLES
1.457-1.467	Peppermint oil
1.457-1.473	Dalmatian sage
1.457-1.473	Spanish sage
1.457-1.485	Nutmeg oil
1.457-1.461	Oleic acid
1.458-1.460	Oleyl alcohol at 25 °C
1.458-1.461	Lard at 40°C
1.458-1.470	Eucalyptus oil
1.460	Quartz glass
1.460	Marmelade / Jam / Jelly
1.461-1.467	Hexetidine
1.461-1.468	Spike oil
1.462-1.468	Glycerol diisostearate at 30°C
1.462-1.470	Coriander oil
1.463-1.475	Citronella oil
1.463-1.495	Glucose syrup
1.464-1.466	Oleyl oleate
1.464-1.473	Rosemary oil
1.464-1.474	Neroli oil
1.464-1.468	Macrogol-20-glycerolmonostearat
1.465-1.475	Terpentine oil beach pine-type
1.465-1.478	Purified terpentine oil
1.465-1.480	Pine needle oil
1.466	Virgin jojoba wax
~1.466	Macrogololeat
1.466	Refined jojoba wax
1.466-1.470	Refined macadamia oil
1.467-1.471	Refined olive oil

	Alphabetical order	
T [°C]	SAMPLES	Refractive Index [nD]
20	Paraldehyde	1.403-1.406
20	Pastry cream	1.400
20	Pentylene glycol	1.435-1.440
20	Peppermint oil	1.457-1.467
20	Perfluorodecalin	1.315
20	Phenethyl alcohol	~1.532
20	Phenol	1.541
20	Phenoxyethanol	1.537-1.539
20	Phenylnaphtalin	1.664
20	Phosphoric	1.333-1.375
20	Phytomenadione	~1.526
20	Pine needle oil	1.465-1.480
20	Plain yogurt	1.345
20	Plant cell culture	1.334
20	Plastic eyeglasses ruby	1.760
20	Polyacrylmethacrylate	1.490
20	Polycarbonate	1.585
20	Polystyrene	1.580
20	Potassium lactate	1.402-1.405
20	Potassium	1.333-1.349
20	Potassium bromide	1.333-1.391
20	Potassium carbonate	1.333-1.403
20	Potassium chloride	1.333-1.367
20	Potassium chromate	1.333-1.411
20	Potassium dichromate	1.333-1.352
20	Potassium ferricy anide	1.333-1.387
20	Potassium hydroxide	1.333-1.425
20	Potassium Iodide	1.333-1.403



Sorted by value	
Refractive Index [nD]	SAMPLES
1.467-1.471	Virgin olive oil
1.468	Olivenöl
1.468-1.473	Refined peanut oil
1.469	Virgin avocado oil / Refined avocado oil
1.469	N-Methylpyrrolidone
1.470	trans-Decalin
1.470	Molasses
1.470	Canola oil
1.470	Refined sunflower oil containing oleic acid
1.470	Macrogolglycerololeate
1.470-1.473	Refined almond oil
1.470-1.474	Macrogolglycerolricinoleat
1.470-1.474	Refined rapeseed oil
1.470-1.475	Glycerol
1.470-1.476	Refined sesamum oil
1.470-1.476	Sweet orange oil
1.471-1.483	Juniper oil
1.472	Refined apricot kernel oil
1.472	Refined safflower oil (Type2)
1.472-1.478	Refined soya oil
1.472-1.476	Refined corn oil
1.473-1.476	Lemon oil
1.473-1.476	Refined sunflower oil
1.473-1.477	Sorbitan trioleate
1.473-1.478	Refined wheatgerm oil
1.473-1.481	Borage oil
1.473-1.483	Emulsifying hydrophobic base gel
1.474	Glycerin

	Alphabetical order	
T [°C]	SAMPLES	Refractive Index [nD]
20	Potassium nitrate	1.333-1.355
20	Potassium oxalate	1.333-1.351
20	Potassium phosphate	1.333-1.345
20	Potassium sulfate	1.333-1.345
20	Potassium thiocyanate	1.333-1.475
20	Procaine hydrochloride	1.333-1.483
20	Propofol	1.512-1.514
20	Propylene glycol	1.431-1.433
20	Propylenglycoldicaprylocaprte	1.439-1.442
20	Pudding	1.368
20	Purified turpentine oil	1.465-1.478
20	Purified water	1.332-1.334
20	Pyrrolidone	1.487-1.490
20	Paper starch	1.352
20	Quartz glass	1.460
20	Refined apricot kernel oil	1.472
20	Refined corn oil	1.472–1.476
20	Refined evening primrose oil	1.476-1.480
20	Refined grape seed oil	1.474-1.477
20	Refined jojoba wax	1.466
20	Refined macadamia oil	1.466-1.470
20	Refined olive oil	1.467-1.471
20	Refined peanut oil	1.468-1.473
20	Refined rapeseed oil	1.470-1.474
20	Refined safflower oil (Type1)	1.476
20	Refined almond oil	1.470-1.473
20	Refined safflower oil (Type2)	1.472
20	Refined sesamum oil	1.470-1.476

REFRACTOMETER SAMPLES



Sorted by value	
Refractive Index [nD]	SAMPLES
1.474-1.477	Refined grape seed oil
1.474-1.478	Mandarin peel oil
1.474-1.480	Sorbitan and glycerolmonooleat
1.474-1.480	Mountain pine oil
~1.475	Virgin wheatgerm oil
1.475-1.482	Tea tree oil
1.475-1.495	Hydrophobic base gel
1.476	Refined safflower oil (Type1)
1.476	Virgin safflower oil
1.476-1.480	Refined evening primrose oil
1.477-1.484	Codliver oil Type-A/B
1.478	Sesame oil
1.478	Diesel oil
1.478-1.479	Dimethyl sulfoxide
1.478-1.482	Virgin linseed oil
1.479	Paraffin
~1.479	Virgin castor oil
1.480	Ricinus oil
1.480	Cooking oil
~1.480	Virgin linseed oil
1.482-1.485	Trolamine
1.482-1.495	Brook mint
1.484-1.490	Caraway oil
1.487-1.501	Bitter-fennel herb oil
1.487-1.490	Pyrrolidone
1.490	Polyacrylmethacrylate
1.490	Benzol
1.490	Acryl glass

	Alphabetical order	
T [°C]	SAMPLES	Refractive Index [nD]
20	Refined soya oil	1.472-1.478
20	Refined sunflower oil	1.473-1.476
20	Refined sunflower oil containing oleic acid	1.470
20	Raspberry	1.345
20	Ricinus oil	1.480
20	Rosemary oil	1.464-1.473
20	Saline	1.333
20	Sea water	1.333-1.353
20	Sesame oil	1.478
20	Sevoflurane	1.274-1.276
20	Silicone oil	1.406
20	Silicone solution	1.360
20	Silver nitrate	1.333-1.391
20	Sodium acetate	1.333-1.375
20	Sodium bicarbonate	1.333-1.340
20	Sodium bromide	1.333-1.400
20	Sodium carbonate	1.333-1.367
20	Sodium chloride	1.333-1.379
20	Sodium diatrizoate	1.333-1.417
20	Sodium dichromate	1.333-1.513
20	Sodium ferrocyanide	1.333-1.373
20	Sodium hydroxide	1.333-1.433
20	Sodium molybdate	1.333-1.349
20	Sodium nitrate	1.333-1.379
20	Sodium phosphate	1.333-1.387
20	Sodium sulfate	1.333-1.355
20	Sodium tartrate	1.333-1.381
20	Sodium thiosulfate	1.333-1.423

Sorted by value	
Refractive Index [nD]	SAMPLES
1.490	Bunker A / No. 2 fuel oil
1.490-1.495	Dibutyl phthalate
1.490-1.505	Thyme oil
1.493-1.499	Bisabolol
1.495	Honey starch syrup
1.497	Toluol
1.500	Xylen
1.500-1.505	Clofibrate
1.500-1.505	Diethyl phthalate
1.505	Tetrachlorethylene
1.511	Benzylformiat
1.512	Immersion oil
1.512-1.514	Propofol
1.518	Anisol
1.520	Honey
1.524-1.526	Nikethamide
~1.526	Phytomenadione
1.527-1.540	Cinnamon leaf oil
1.528-1.539	Bitter fennel oil
1.530	2-Phenylethylchlorid
1.530	Clove oil
1.535-1.538	Methyl salicylate
~1.532	Phenethyl alcohol
1.537-1.539	Phenoxyethanol
1.538-1.541	Benzyl alcohol
1.540	Natural rubber
1.540-1.542	Eugenol
1.541	Zimtacetat

	Alphabetical order	
T [°C]	SAMPLES	Refractive Index [nD]
20	Sodium tungstate	1.333-1.430
20	Sorbital solution 70% non crystalizing	1.455-1.465
20	Sorbitan and glycerolmonooleat	1.474-1.480
20	Sorbitan trioleate	1.473-1.477
20	Soy bean	1.430
20	Soy milk	1.350
20	Soy sauce	1.395
20	Spanish sage	1.457-1.473
20	Spike oil	1.461-1.468
20	Squalan	1.450-1.454
20	Star anise oil	1.553-1.556
20	Starch	1.376
20	Strontium chloride	1.333-1.407
20	Styren	1.546
20	Sucrose	1.333-1.501
20	Sulfuric acid	1.333-1.403
20	Sweet orange oil	1.470-1.476
20	Tea tree oil	1.475-1.482
20	Turpentine oil beach Pine-Type	1.465-1.475
20	Tetrachlorethylene	1.505
20	Tham	1.333-1.397
20	Thyme oil	1.490-1.505
20	Toluol	1.497
20	Trans-Decalin	1.470
20	Triacetin	1.429-1.432
20	Trichloracetic acid	1.333-1.401
20	Trichlorfluormethan / Freon 11	1.375
20	Triethyl citrate	1.440-1.446

REFRACTOMETER SAMPLES



Sorted by value	
Refractive Index [nD]	SAMPLES
1.541	Phenol
1.545	2,4-Dichlortoluol
1.546	Styren
1.548-1.551	Hydroxyethyl salicylate
1.552-1.561	Anise oil
1.553-1.556	Star Anise oil
1.559-1.561	Anethole 25°C
1.560	2-Phenylethanethiol
1.560	Bunker C / No. 6 fuel oil
1.568	Benzylbenzoat
1.568-1.570	Benzyl benzoate
1.568-1.574	Dimercaprol
1.569-1.570	Benzyl nicotinate
1.572-1.591	Cinnamon oil
1.575	Benzylbromide
1.577	Isoeugenol
1.580	Polystyrene
1.585	Polycarbonate
1.586	Anilin
1.600	2-Ethyl-naphthalin
1.600-1.614	Cassia oil
1.608	α-Methyl-Zimtaldehyd
1.620	Epoxy
1.620	Flint glass
1.620	Iodbenzol
1.630	Kohlenstoffdisulfid
1.642	Diiodopropan
1.650	Monobrom-naphthalin

	Alphabetical order	
T [°C]	SAMPLES	Refractive Index [nD]
20	Trolamine	1.482-1.485
20	Urea	1.333-1.403
20	Urine solida human	1.333-1.348
20	Valproic acid	1.422-1.425
20	Vinyl acetat	1.396
20	Virgin linseed oil	1.478-1.482
20	Virgin avocado oil / Refined avocado oil	~1.479
20	Virgin castor oil	~1.479
20	Virgin jojoba wax	1.466
20	Virgin olive oil	1.467-1.471
20	Virgin Safflower oil	1.476
20	Virgin wheatgerm oil	~1.475
20	Water	1.333
20	Watermelon, wineberry	1.350
20	Xylen	1.500
20	Zimtacetat	1.541
20	Zink sulfate	1.333-1.365
20	α-Methyl-Zimtaldehyd	1.608
20	1,2,2-Trifluortrichlorethan / Freon 113	1.354
20	1,3-Butanediol	1.439-1.441
20	1-Bromonaphthalene	1.657
20	1-Naphthaldehyd	1.652
20	1-Propanol	1.384-1.387
20	2,4-Dichlortoluol	1.545
20	2-Ethylhexyl laurate	1.440-4.444
20	2-Ethylnaphtalin	1.600
20	2H-,3H-Perfluoropentan	1.300
20	2-Phenylethanethiol	1.560

REFRACTOMETER SAMPLES



Sorted by value	
Refractive Index [nD]	SAMPLES
1.650	Asphalt / Bitumen
1.652	1-Naphthaldehyd
1.657	1-Bromonaphthalene
1.664	Phenylnaphtalin
1.701	Iodnaphtalin
1.718	Diiodbenzol
1.743	Diiodmethan
1.744	Methyleneiodide
1.760	Alumina
1.760	Plastic eyeglasses ruby

T [°C]
20
20
20
20
20
20
20
20
20
20

Alphabetical order	
SAMPLES	Refractive Index [nD]
2-Phenylethylchlorid	1.530
2-Propanol 10%	1.338-1.341
2-Propanol 20%	1.345-1.348
2-Propanol 30%	1.353-1.356
2-Propanol 40%	1.359-1.361
2-Propanol 50%	1.363-1.365
2-Propanol 60%	1.368-1.369
2-Propanol 70%	1.371-1.372
2-Propanol 80%	1.374-1.375
2-Propanol 90%	1.376-1.377

SAMPLES

The table presents an overview of samples that our customers typically measure with our refractometers. Most of the samples were measured at refractometric standard conditions ($T=20\text{ }^{\circ}\text{C}$, $\lambda=589\text{ nm}$), deviations from the standard are displayed.
The values should not be interpreted as specifications.

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