

REFRACTOMETER SAMPLES

Sorted by value		T [°C]	Alphabetical order	
Refractive Index [nD]	SAMPLES		SAMPLES	Refractive Index [nD]
1.274-1.276	Sevoflurane	20	Acetic acid	1.333-1.372
1.300	2H-,3H-Perfluoropentan	20	Acetic acid 30%	1.351
1.315	Perfluorodecalin	20	Aceton	1.358
1.333	Water	20	Acetyltributylcitrate	1.442-1.445
1.333	Saline	20	Acryl glass	1.490
1.333-1-372	Acetic acid	20	Acrylnitril	1.391
1.333-1.353	Ammonia	20	AdBlue	1.383
1.333-1.377	Ammonium chloride	20	Aloe extract	1.334
1.333-1.397	Ammonium sulfate	20	Alumina	1.760
1.333-1.375	Barium chloride	20	Ammonia	1.333-1.353
1.333-1.336	Boric acid	20	Ammonia solution	1.367-1.377
1.333-1.403	Calcium chloride	20	Ammonium chloride	1.333-1.377
1.333-1.417	Cesium chloride	20	Ammonium sulfate	1.333-1.397
1.333-1.380	Cobaltous chloride	20	Anethole 25°C	1.559-1.561
1.333-1.349	Creatinine	20	Anilin	1.586
1.333-1.367	Cupric sulfate	20	Anise oil	1.552-1-561
1.333-1.349	Dextran	20	Anisol	1.518
1.333-1.362	Ethanol	20	Apple	1.350
1.333-1.393	Ethylene glykol	20	Asphalt / Bitumen	1.650
1.333-1.383	Ferric chloride	20	Barium chloride	1.333-1.375
1.333-1.365	Formic acid	20	Basic solution, viscose	1.393-1.397
1.333-1.459	D-Fructose	20	Bean jam	1.430
1.333-1.439	D-Glucose	20	Beef curry	1.357
1.333-1.403	Hydrochloracid	20	Beer	1.340
1.333-1.348	Inulin	20	Benzol	1.490
1.333-1.417	Lactic acid	20	Benzyl alcohol	1.538-1.541
1.333-1.359	Lactose	20	Benzyl benzoate	1.568-1.570
1.333-1.387	Lead nitrate	20	Benzyl nicotinate	1.569-1.570

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Sorted by value		T [°C]	Alphabetical order	
Refractive Index [nD]	SAMPLES		SAMPLES	Refractive Index [nD]
1.333-1.399	Lithium chloride	20	Benzylbenzoot	1.568
1.333-1.415	Magnesium chloride	20	Benzylbromide	1.575
1.333-1.385	Magnesium sulfate	20	Benzylformiat	1.511
1.333-1.357	Maltose	20	Bisabolol	1.493-1.499
1.333-1.373	Manganous sulfate	20	Bitter fennel oil	1.528-1.539
1.333-1.355	D-Mannitol	20	Bitter-fennel herb oil	1.487-1.501
1.333-1.340	Methanol	20	Borage oil	1.473-1.481
1.333-1.345	Nickel sulfat	20	Boric acid	1.333-1.336
1.333-1.387	Nitric acid	20	Brook mint	1.482-1.495
1.333-1.375	Phosphoric	20	Bunker A / No. 2 fuel oil	1.490
1.333-1.349	Potassium	20	Bunker C / No. 6 fuel oil	1.560
1.333-1.391	Potassium bromide	20	Butter	1.450
1.332-1.334	Purified water	20	Calcium chloride	1.333-1.403
1.333-1.403	Potassium carbonate	20	Calcium fluoride	1.430
1.333-1.367	Potassium chloride	20	Campherspiritus	1.372-1.374
1.333-1.411	Potassium chromate	20	Canned seasoning yogurt	1.366
1.333-1.352	Potassium dichromate	20	Canned syrup	1.372
1.333-1.387	Potassium ferricy anide	20	Canola oil	1.470
1.333-1.403	Potassium Iodide	20	Caraway oil	1.484-1.490
1.333-1.425	Potassium hydroxide	20	Carrot, bean, broccoli, blueberry, blackberry, raspberry, cherry	1.345
1.333-1.355	Potassium nitrate	20	Cassia oil	1.600-1.614
1.333-1.351	Potassium oxalate	20	Cesium chloride	1.333-1.417
1.333-1.345	Potassium phosphate	20	Cetearyl octanoate	1.444-1.448
1.333-1.345	Potassium sulfate	20	Cetylstearylisononanoat	1.440-1.450
1.333-1.475	Potassium thiocyanate	20	Chili sauce	1.380
1.333-1.483	Procaine hydrochloride	20	Cineol	1.456-1.460
1.333-1.353	Sea water	20	Cinnamon leaf oil	1.527-1.540
1.333-1.361	Human serum or plasma	20	Cinnamon oil	1.572-1.591

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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	Dalmatian sage	1.457-1.473
1.333-1.397	Tham	20	Damascenon	1.380
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	1.490-1.495
1.334	Grinding chemical liquid	20	Dichloromethane	1.423-1.425
1.334	Aloe extract	20	Diesel oil	1.478

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Sorted by value		T [°C]	Alphabetical order	
Refractive Index [nD]	SAMPLES		SAMPLES	Refractive Index [nD]
1.335	Green tea	20	Diethyl phthalate	1.500-1.505
1.336	Miso soup	20	Diethylene glycol monoethyl ether	1.426-1.428
1.338-1.341	2-Propanol 10%	20	Diiodbenzol	1.718
1.340	Japanese plum	20	Diiodmethan	1.743
~1.340	Beer	20	Diiodopropan	1.642
~1.340	Coffee	20	Diisopropyl adipate	1.424
1.342	Endive, asparagus, pea, cauliflower, swede, paprika, salat, tomato, onion	20	Dimercaprol	1.568-1.574
1.345	Carrot, bean, broccoli, blueberry, blackberry, raspberry, cherry	20	Dimethicone 1000+	1.404-1.406
1.345	Plain yogurt	20	Dimethicone 350+	1.404-1.406
1.345-1.348	2-Propanol 20%	20	Dimethyl sulfoxide	1.478-1.479
1.346	Lime / Lemon	20	Dimethylacetamide	1.435-1.439
1.347	Corn soup	20	D-Mannitol	1.333-1.355
1.348	Orange	20	Egg	1.355
1.348	Gelatin liquid	20	Egg yolk	1.420
1.350	Apple	20	Eibischsirup	1.440-1.455
1.350	Watermelon, wineberry	20	Electrical discharging liquid	1.357
1.350	Soy milk	20	Electrolyte	1.370
1.350	Coke	20	Emulsifying hydrophobic base gel	1.473-1.483
1.350	Milk	20	Endive, asparagus, pea, cauliflower, swede, paprika, salat, tomato, onion	1.342
1.351	Acetic acid 30%	20	Epoxy	1.620
1.352	Formic acid 25%	20	Ethanol	1.333-1.362
1.352	Paper starch	20	Ethyl acetate	1.370-1.373
1.353-1.356	2-Propanol 30%	20	Ethylene glykol	1.333-1.393
1.354	1,2,2-Trifluortrichlorethan / Freon 113	20	Ethylenglycol	1.431
1.355	Egg	20	Ethylhexylglycerin	1.449-1.453
1.357	Electrical discharging liquid	20	Eucalyptus oil	1.458-1.470
1.357	Beef curry	20	Eugenol	1.540-1.542

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1.358	Aceton	20	Ferric chloride	1.333-1.383
1.359–1.361	2-Propanol 40%	20	Flint glass	1.620
1.360	Lactic acid bacteria beverage	20	Formic acid	1.333-1.365
1.360	Nectar	20	Formic acid 25%	1.352
1.360	Silicone solution	20	Formic acid 85%	1.369
1.363–1.365	2-Propanol 50%	20	Formic acid 98%	1.371
1.366	Canned seasoning yogurt	20	Gelatin liquid	1.348
1.367-1.377	Ammonia solution	20	Glucose syrup	1.463-1.495
1.368	Pudding	20	Glycerin	1.474
1.368–1.369	2-Propanol 60%	20	Glycerol	1.470-1.475
1.369	Formic acid 85%	20	Glycerol 85%	1.449-1.455
1.370	Electrolyte	20	Glycerol diisostearate at 30°C	1.462-1.468
1.370-1.373	Ethyl acetate	20	Green tea	1.335
1.371	Formic acid 98%	20	Grinding chemical liquid	1.334
1.371–1.372	2-Propanol 70%	20	Hexetidine	1.461-1.467
1.372	Canned syrup	20	Honey	1.520
1.372-1.374	Campherspiritus	20	Honey starch syrup	1.495
1.374–1.375	2-Propanol 80%	20	Human serum or plasma	1.333-1.361
1.375	Trichlorfluormethan / Freon 11	20	Hydrochloracid	1.333-1.403
1.376	Starch	20	Hydrophobic base gel	1.475-1.495
1.376–1.377	2-Propanol 90%	20	Hydroxyethyl salicylate	1.548-1.551
1.380	Chili sauce	20	Immersion oil	1.512
1.380	Damascenon	20	Inulin	1.333-1.348
1.381	Magnesium fluoride	20	Iodbenzol	1.620
1.383	AdBlue	20	Iodnaphthalin	1.701
1.384-1.387	1-Propanol	20	Isoeugenol	1.577
1.385	Ketchup	20	Isopropyl myristate	1.434-1.437
1.388	n-Heptan	20	Isopropyl Palmitate	1.436-1.440

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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	Kohlenstoffdisulfid	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	Macroglycerolcaprylocaprte	20	Lactose	1.333-1.359
1.402-1.405	Potasium 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	Macroglycerolcaprylocaprte	~1.400
1.426	Cyclohexan	20	Macroglycerololeate	1.470
1.426-1.428	Diethylene Glycol Monoethyl Ether	20	Macroglycerolricinoleat	1.470-1.474
1.429-1.430	Methanesulfonic Acid	20	Macrogoleat	~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	Methanesulfonic acid	1.429-1.430



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Refractive Index [nD]	SAMPLES		SAMPLES	Refractive Index [nD]
1.435-1.439	Dimethylacetamide	20	Methanol	1.333-1.340
1.435-1.440	Pentylene glycol	20	Methyl salicylate	1.535-1.538
1.436-1.440	Isopropyl palmitate	20	Methyleneiodide	1.744
1.439-1.441	1,3-Butanediol	20	Milk	1.350
1.439-1.442	Propylenglycoldicaprylocaprate	20	Mint oil	1.456-1.470
1.440	Coconut oil	20	Miso soup	1.336
1.440-1.450	Cetylstearylisononanoat	20	Molasses	1.470
1.440-1.455	Eibischsirup	20	Monobromnaphthalin	1.650
1.440-4.444	2-Ethylhexyl laurate	20	Mountain pine oil	1.474-1.480
1.440-1.444	2-Ethylhexyllauromyristat	20	Muscatel Sage	1.456-1.466
1.440-1.446	Triethyl citrate	20	Natural rubber	1.540
1.440-1.452	Medium-chain triglycerides	20	Nectar	1.360
1.442-1.445	Acetyltributylcitrate	20	Neroli oil	1.464-1.474
1.444-1.448	Cetearyl octanoate	20	n-Heptan	1.388
1.445	Cocoyl caprylocaprate	20	Nickel sulfat	1.333-1.345
1.445-1.478	Lactulose-Syrup	20	Nikethamide	1.524-1.526
1.449-1.453	Ethylhexylglycerin	20	Nitric acid	1.333-1.387
1.449-1.455	Glycerol 85%	20	N-Methylpyrrolidone	1.469
1.450	Condensed milk	20	n-Octan	1.398
1.450	Butter	20	Nutmeg oil	1.457-1.485
1.450-1.454	Squalan	20	Octyldodecanol	1.453-1.457
1.453-1.457	Octyldodecanol	20	Oleic acid	1.457-1.461
1.455-1.465	Sorbital solution 70% non crystalizing	20	Oleyl alcohol at 25 °C	1.458-1.460
1.455-1.466	Lavender oil	20	Oleyl oleate	1.464-1.466
1.456-1.458	Decyl oleate	20	Olivenöl	1.468
1.456-1.460	Cineol	20	Orange	1.348
1.456-1.466	Muscatel sage	20	Paper starch	1.352
1.456-1.470	Mint oil	20	Paraffin	1.479

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Sorted by value		T [°C]	Alphabetical order	
Refractive Index [nD]	SAMPLES		SAMPLES	Refractive Index [nD]
1.457-1.467	Peppermint oil	20	Paraldehyde	1.403-1.406
1.457-1.473	Dalmatian sage	20	Pastry cream	1.400
1.457-1.473	Spanish sage	20	Pentylene glycol	1.435-1.440
1.457-1.485	Nutmeg oil	20	Peppermint oil	1.457-1.467
1.457-1.461	Oleic acid	20	Perfluorodecalin	1.315
1.458-1.460	Oleyl alcohol at 25 °C	20	Phenethyl alcohol	~1.532
1.458-1.461	Lard at 40°C	20	Phenol	1.541
1.458-1.470	Eucalyptus oil	20	Phenoxyethanol	1.537-1.539
1.460	Quartz glass	20	Phenylnaphtalin	1.664
1.460	Marmelade / Jam / Jelly	20	Phosphoric	1.333-1.375
1.461-1.467	Hexetidine	20	Phytomenadione	~1.526
1.461-1.468	Spike oil	20	Pine needle oil	1.465-1.480
1.462-1.468	Glycerol diisostearate at 30°C	20	Plain yogurt	1.345
1.462-1.470	Coriander oil	20	Plant cell culture	1.334
1.463-1.475	Citronella oil	20	Plastic eyeglasses ruby	1.760
1.463-1.495	Glucose syrup	20	Polycrylmethacrylate	1.490
1.464-1.466	Oleyl oleate	20	Polycarbonate	1.585
1.464-1.473	Rosemary oil	20	Polystyrene	1.580
1.464-1.474	Neroli oil	20	Potassium lactate	1.402-1.405
1.464-1.468	Macrogol-20-glycerolmonostearat	20	Potassium	1.333-1.349
1.465-1.475	Terpentine oil beach pine-type	20	Potassium bromide	1.333-1.391
1.465-1.478	Purified terpentine oil	20	Potassium carbonate	1.333-1.403
1.465-1.480	Pine needle oil	20	Potassium chloride	1.333-1.367
1.466	Virgin jojoba wax	20	Potassium chromate	1.333-1.411
~1.466	Macrogololeat	20	Potassium dichromate	1.333-1.352
1.466	Refined jojoba wax	20	Potassium ferricy anide	1.333-1.387
1.466-1.470	Refined macadamia oil	20	Potassium hydroxide	1.333-1.425
1.467-1.471	Refined olive oil	20	Potassium Iodide	1.333-1.403

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Sorted by value		T [°C]	Alphabetical order	
Refractive Index [nD]	SAMPLES		SAMPLES	Refractive Index [nD]
1.474-1.477	Refined grape seed oil	20	Refined soya oil	1.472-1.478
1.474-1.478	Mandarin peel oil	20	Refined sunflower oil	1.473-1.476
1.474-1.480	Sorbitan and glycerolmonooleat	20	Refined sunflower oil containing oleic acid	1.470
1.474-1.480	Mountain pine oil	20	oil	1.473-1.478
~1.475	Virgin wheatgerm oil	20	Ricinus oil	1.480
1.475-1.482	Tea tree oil	20	Rosemary oil	1.464-1.473
1.475-1.495	Hydrophobic base gel	20	Saline	1.333
1.476	Refined safflower oil (Type1)	20	Sea water	1.333-1.353
1.476	Virgin safflower oil	20	Sesame oil	1.478
1.476-1.480	Refined evening primrose oil	20	Sevoflurane	1.274-1.276
1.477-1.484	Codliver oil Type-A/B	20	Silicone oil	1.406
1.478	Sesame oil	20	Silicone solution	1.360
1.478	Diesel oil	20	Silver nitrate	1.333-1.391
1.478-1.479	Dimethyl sulfoxide	20	Sodium acetate	1.333-1.375
1.478-1.482	Virgin linseed oil	20	Sodium bicarbonate	1.333-1.340
1.479	Paraffin	20	Sodium bromide	1.333-1.400
~1.479	Virgin castor oil	20	Sodium carbonate	1.333-1.367
1.480	Ricinus oil	20	Sodium chloride	1.333-1.379
1.480	Cooking oil	20	Sodium diatrizoate	1.333-1.417
~1.480	Virgin linseed oil	20	Sodium dichromate	1.333-1.513
1.482-1.485	Trolamine	20	Sodium ferrocyanide	1.333-1.373
1.482-1.495	Brook mint	20	Sodium hydroxide	1.333-1.433
1.484-1.490	Caraway oil	20	Sodium molybdate	1.333-1.349
1.487-1.501	Bitter-fennel herb oil	20	Sodium nitrate	1.333-1.379
1.487-1.490	Pyrrolidone	20	Sodium phosphate	1.333-1.387
1.490	Polyacrylmethacrylate	20	Sodium sulfate	1.333-1.355
1.490	Benzol	20	Sodium tartrate	1.333-1.381
1.490	Acryl glass	20	Sodium thiosulfate	1.333-1.423

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Refractive Index [nD]	SAMPLES		SAMPLES	Refractive Index [nD]
1.490	Bunker A / No. 2 fuel oil	20	Sodium tungstate	1.333-1.430
1.490-1.495	Dibutyl phthalate	20	Sorbital solution 70% non crystalizing	1.455-1.465
1.490-1.505	Thyme oil	20	Sorbitan and glycerolmonooleat	1.474-1.480
1.493-1.499	Bisabolol	20	Sorbitan trioleate	1.473-1.477
1.495	Honey starch syrup	20	Soy bean	1.430
1.497	Toluol	20	Soy milk	1.350
1.500	Xylen	20	Soy sauce	1.395
1.500-1.505	Clofibrate	20	Spanish sage	1.457-1.473
1.500-1.505	Diethyl phthalate	20	Spike oil	1.461-1.468
1.505	Tetrachlorethylene	20	Squalan	1.450-1.454
1.511	Benzylformiat	20	Star anise oil	1.553-1.556
1.512	Immersion oil	20	Starch	1.376
1.512-1.514	Propofol	20	Strontium chloride	1.333-1.407
1.518	Anisol	20	Styren	1.546
1.520	Honey	20	Sucrose	1.333-1.501
1.524-1.526	Nikethamide	20	Sulfuric acid	1.333-1.403
~1.526	Phytomenadione	20	Sweet orange oil	1.470-1.476
1.527-1.540	Cinnamon leaf oil	20	Tea tree oil	1.475-1.482
1.528-1.539	Bitter fennel oil	20	Terpentine oil beach Pine-Type	1.465-1.475
1.530	2-Phenylethylchlorid	20	Tetrachlorethylene	1.505
1.530	Clove oil	20	Tham	1.333-1.397
1.535-1.538	Methyl salicylate	20	Thyme oil	1.490-1.505
~1.532	Phenethyl alcohol	20	Toluol	1.497
1.537-1.539	Phenoxyethanol	20	trans-Decalin	1.470
1.538-1.541	Benzyl alcohol	20	Triacetin	1.429-1.432
1.540	Natural rubber	20	Trichloroacetic acid	1.333-1.401
1.540-1.542	Eugenol	20	Trichlorfluormethan / Freon 11	1.375
1.541	Zimtacetat	20	Triethyl citrate	1.440-1.446

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Sorted by value		T [°C]	Alphabetical order	
Refractive Index [nD]	SAMPLES		SAMPLES	Refractive Index [nD]
1.541	Phenol	20	Trolamine	1.482-1.485
1.545	2,4-Dichlortoluol	20	Urea	1.333-1.403
1.546	Styren	20	Urine solida human	1.333-1.348
1.548-1.551	Hydroxyethyl salicylate	20	Valproic acid	1.422-1.425
1.552-1.561	Anise oil	20	Vinyl acetat	1.396
1.553-1.556	Star Anise oil	20	Virgin linseed oil	1.478-1.482
1.559-1.561	Anethole 25°C	20	Virgin avocado oil / Refined avocado oil	1.469
1.560	2-Phenylethanethiol	20	Virgin castor oil	~1.479
1.560	Bunker C / No. 6 fuel oil	20	Virgin jojoba wax	1.466
1.568	Benzylbenzoat	20	Virgin olive oil	1.467-1.471
1.568-1.570	Benzyl benzoate	20	Virgin Safflower oil	1.476
1.568-1.574	Dimercaprol	20	Virgin wheatgerm oil	~1.475
1.569-1.570	Benzyl nicotinate	20	Water	1.333
1.572-1.591	Cinnamon oil	20	Watermelon, wineberry	1.350
1.575	Benzylbromide	20	Xylen	1.500
1.577	Isoeugenol	20	Zimtacetat	1.541
1.580	Polystyrene	20	Zink sulfate	1.333-1.365
1.585	Polycarbonate	20	α-Methyl-Zimtaldehyd	1.608
1.586	Anilin	20	1,2,2-Trifluortrichlorethan / Freon 113	1.354
1.600	2-Ethylnaphthalin	20	1,3-Butanediol	1.439-1.441
1.600-1.614	Cassia oil	20	1-Bromonaphthalene	1.657
1.608	α-Methyl-Zimtaldehyd	20	1-Naphthaldehyd	1.652
1.620	Epoxy	20	1-Propanol	1.384-1.387
1.620	Flint glass	20	2,4-Dichlortoluol	1.545
1.620	Iodbenzol	20	2-Ethylhexyl laurate	1.440-4.444
1.630	Kohlenstoffdisulfid	20	2-Ethylnaphthalin	1.600
1.642	Diiodopropan	20	2H-,3H-Perfluoropentan	1.300
1.650	Monobromnaphthalin	20	2-Phenylethanethiol	1.560

REFRACTOMETER SAMPLES



Sorted by value			Alphabetical order	
Refractive Index [nD]	SAMPLES	T [°C]	SAMPLES	Refractive Index [nD]
1.650	Asphalt / Bitumen	20	2-Phenylethylchlorid	1.530
1.652	1-Naphthaldehyd	20	2-Propanol 10%	1.338-1.341
1.657	1-Bromonaphthalene	20	2-Propanol 20%	1.345-1.348
1.664	Phenylnaphtalin	20	2-Propanol 30%	1.353-1.356
1.701	Iodnaphtalin	20	2-Propanol 40%	1.359-1.361
1.718	Diiodbenzol	20	2-Propanol 50%	1.363-1.365
1.743	Diiodmethan	20	2-Propanol 60%	1.368-1.369
1.744	Methyleneiodide	20	2-Propanol 70%	1.371-1.372
1.760	Alumina	20	2-Propanol 80%	1.374-1.375
1.760	Plastic eyeglasses ruby	20	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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