

**Zusammensetzung der wichtigeren Pflanzenbestandtheile,
nach dem Kohlenstoffgehalt geordnet.**

| C | H | O | N | S | Name |
|-------|-------|-------|-------|-------|---|
| 26,66 | 2,22 | 71,11 | — | — | Oxalsäure |
| 31,58 | 5,26 | 63,16 | — | — | Glycolsäure |
| 31,81 | 5,04 | 42,42 | 3,72 | 16,99 | Myronsäure |
| 32,0 | 4,0 | 64,0 | — | — | Wein- und Traubensäure |
| 35,82 | 4,48 | 59,70 | — | — | Aepfelsäure |
| 36,36 | 6,06 | 36,37 | 21,21 | — | Asparagin |
| 37,50 | 4,17 | 58,33 | — | — | Citronensäure |
| 37,50 | 12,50 | 50,00 | — | — | Methylalkohol |
| 38,71 | 16,13 | — | 45,17 | — | Methylamin |
| 39,13 | 8,70 | 52,17 | — | — | Glycerin |
| 39,34 | 8,20 | 52,46 | — | — | Erythrit |
| 39,56 | 7,69 | 52,75 | — | — | Dulcit, Isodulcit, Mannit, Nucit etc. |
| 40,00 | 6,66 | 53,33 | — | — | Essig- u. Milchsäure, Glycosen etc. |
| 40,00 | 5,2 | 50,6 | 4,2 | — | Sclerotinsäure |
| 40,68 | 5,09 | 54,23 | — | — | Bernsteinsäure |
| 41,38 | 3,45 | 55,17 | — | — | Aconitsäure |
| 41,38 | 3,45 | 55,17 | — | — | Fumar- und Maleinsäure |
| 42,0 | 2,0 | 56,0 | — | — | Meconsäure |
| 42,10 | 6,43 | 51,47 | — | — | Arabin- u. Metagummisäure, Pararabin, Triticin, Saccharosen etc. |
| 43,9 | 7,2 | 48,9 | — | — | Pinit und Quercit |
| 43,75 | 6,30 | 50,19 | — | — | Chinasäure |
| 44,21 | 5,26 | 50,53 | — | — | Boheasäure |
| 44,44 | 9,63 | 35,55 | 10,37 | — | Betaïn |
| 44,44 | 3,70 | — | 51,85 | — | Cyanwasserstoff |
| 44,44 | 4,76 | 51,80 | — | — | Cyclopin |
| 44,44 | 6,17 | 49,39 | — | — | Cellulose, Dextrin, Flechtenstärke, Inulin, Levulin, Sinistrin, Amylon |
| 44,84 | 5,33 | 49,83 | — | — | Chinagerbsäure |
| 45,65 | 2,17 | 52,24 | — | — | Chelidonsäure |
| 46,67 | 4,44 | 17,78 | 31,11 | — | Theobromin |
| 47,87 | 5,85 | 34,05 | 3,72 | 8,51 | Sinalbin |
| 48,65 | 8,11 | 43,24 | — | — | Propionsäure |
| 49,48 | 5,15 | 16,51 | 28,86 | — | Caffeïn |

| C | H | O | N | S | Name |
|-------|-------|-------|-------|------|-----------------------------|
| 49,59 | 12,39 | 26,44 | 11,57 | — | Cholin |
| 49,60 | 4,92 | 43,26 | 2,22 | — | Indican |
| 50,24 | 6,81 | 24,13 | 18,37 | 0,45 | Conglutin |
| 50,42 | 10,92 | 26,89 | 11,77 | — | Muscarin |
| 51,0 | 6,7 | 25,4 | 16,1 | 0,8 | Glutencasein |
| 51,02 | 4,89 | 44,87 | — | — | Fraxin |
| 51,00 | 7,00 | 42,00 | — | — | Ericolin |
| 51,22 | 4,88 | 43,90 | — | — | Rubichlorsäure |
| 51,47 | 7,02 | 24,29 | 16,82 | 0,40 | Legumin |
| 52,01 | 5,88 | 42,11 | — | — | Chinagerbsäure |
| 52,07 | 4,96 | 42,97 | — | — | Aesculin |
| 52,29 | 7,24 | 21,06 | 18,09 | 1,32 | Vitellin |
| 52,39 | 4,78 | 42,83 | — | — | Daphnin |
| 52,42 | 3,56 | 44,02 | — | — | Tanningerbsäure |
| 52,45 | 6,81 | 22,21 | 15,65 | 0,8 | Albumin |
| 52,47 | 5,79 | 40,23 | 1,53 | — | Laurocerasin |
| 52,51 | 5,91 | 38,52 | 3,06 | — | Amygdalin |
| 52,53 | 7,38 | 40,27 | — | — | Helleborein |
| 52,60 | 7,00 | 21,49 | 18,06 | 0,85 | Gliadin |
| 52,86 | 4,84 | 42,30 | — | — | Thujin |
| 52,9 | 5,2 | 41,9 | — | — | Apiin |
| 53,21 | 7,60 | 39,19 | — | — | Digitonin |
| 53,33 | 5,19 | 41,48 | — | — | Chinaroth |
| 53,7 | 6,1 | 40,2 | — | — | Arbutin |
| 53,85 | 5,13 | 41,02 | — | — | Eichenrindengerbstoff |
| 53,91 | 8,59 | 37,50 | — | — | Convallamarin |
| 54,08 | 4,72 | 41,20 | — | — | Datiscin |
| 54,11 | 6,90 | 21,48 | 16,63 | 0,88 | Mucedin |
| 54,54 | 3,90 | 41,56 | — | — | Protocatechusäure |
| 54,55 | 9,09 | 36,36 | — | — | Buttersäure |
| 54,54 | 6,29 | 39,17 | — | — | Salicin |
| 54,63 | 5,47 | 39,90 | — | — | Lupinin |
| 54,64 | 5,04 | 40,32 | — | — | Ruberythrin säure |
| 54,77 | 5,39 | 39,84 | — | — | Hesperidin |
| 54,81 | 6,73 | 38,46 | — | — | Syringin |
| 54,87 | 7,37 | 37,50 | — | — | Convolvulin |
| 54,96 | 9,92 | 24,43 | 10,69 | — | Leucin |
| 55,08 | 5,57 | 39,35 | — | — | Rubian |
| 55,29 | 7,83 | 36,87 | — | — | Cyclamin |
| 55,4 | 7,6 | 36,9 | — | — | Saponin |
| 55,43 | 6,53 | 21,74 | 7,61 | 8,69 | Sinapin, schwefelblausaures |
| 55,46 | 7,56 | 36,98 | — | — | Menyanthin |
| 55,46 | 7,56 | 36,98 | — | — | Pinipikrin |
| 55,6 | 5,6 | 38,8 | — | — | Naringin |

| C | H | O | N | S | Name |
|-------|-------|-------|-------|------|----------------------------------|
| 55,81 | 6,99 | 37,20 | — | — | Crotonsäure |
| 55,63 | 1,99 | 42,38 | — | — | Ellagsäure |
| 55,90 | 4,35 | 39,75 | — | — | Quercitrin |
| 56,14 | 6,43 | 37,43 | — | — | Coniferin |
| 56,15 | 5,81 | 38,05 | — | — | Phlorizin |
| 56,25 | 3,75 | 40,00 | — | — | Maclurin |
| 56,34 | 6,10 | 37,56 | — | — | Populin |
| 56,37 | 6,04 | 37,59 | — | — | Ipecacuanhagerbstoff |
| 56,66 | 7,77 | 35,57 | — | — | Jalapin und Turpethin |
| 56,75 | 5,41 | 37,84 | — | — | Kaffeegerbsäure |
| 56,75 | 5,40 | 37,85 | — | — | Carthamin |
| 57,13 | 4,76 | 38,11 | — | — | Phloroglucin und Pyrogallol etc. |
| 57,15 | 4,76 | 38,09 | — | — | Orsellinsäure |
| 57,32 | 7,01 | 35,67 | — | — | Globularin |
| 57,57 | 5,12 | 34,96 | 1,50 | 0,85 | Cathartinsäure |
| 57,64 | 7,42 | 34,94 | — | — | Dulcamarin |
| 57,69 | 13,46 | 15,38 | 13,46 | — | Amanitin |
| 58,00 | 5,06 | 36,87 | — | — | Scoparin |
| 58,06 | 7,53 | 34,41 | — | — | Thevetin |
| 58,22 | 5,50 | 36,28 | — | — | Curaçaoaloin |
| 58,23 | 4,64 | 37,13 | — | — | Chrysorhamnin |
| 58,24 | 7,38 | 34,38 | — | — | Caïncin |
| 58,82 | 9,80 | 31,37 | — | — | Baldriansäure |
| 59,21 | 3,91 | 36,84 | — | — | Quercetin |
| 59,26 | 6,17 | 34,57 | — | — | Capaloïn |
| 59,34 | 5,49 | 35,17 | — | — | Everninsäure |
| 59,44 | 5,88 | 34,68 | — | — | Natalaloïn |
| 59,40 | 4,95 | 35,65 | — | — | Ratanhiagerbsäure |
| 59,39 | 4,94 | 35,36 | — | — | Usninsäure |
| 59,63 | 5,59 | 34,78 | — | — | Socotoraloïn |
| 59,63 | 6,28 | 31,09 | 3,02 | — | Narceïn |
| 59,66 | 6,07 | 26,54 | 7,73 | — | Tyrosin |
| 59,78 | 7,47 | 32,75 | — | — | Colocynthin |
| 59,80 | 5,64 | 34,56 | — | — | Ononin |
| 59,92 | 7,05 | 32,66 | 1,17 | — | Glycyrrhizinsäure |
| 59,95 | 8,05 | 32,00 | — | — | Digitalin |
| 60,00 | 8,00 | 32,00 | — | — | Angelicasäure |
| 60,00 | 8,33 | 31,67 | — | — | Bryonin |
| 60,00 | 4,44 | 35,56 | — | — | Cetrarsäure |
| 60,00 | 13,33 | 26,67 | — | — | Propylalkohol |
| 60,37 | 4,40 | 35,23 | — | — | Lecanorsäure |
| 60,40 | 9,0 | 30,6 | — | — | Parillin |
| 60,46 | 5,42 | 34,12 | — | — | Tannaspidsäure |
| 60,50 | 5,88 | 33,62 | — | — | Pikrotoxin |

| C | H | O | N | S | Name |
|-------|-------|-------|-------|---|------------------|
| 60,53 | 6,82 | 28,50 | 4,15 | — | Colchicin |
| 60,57 | 7,26 | 27,76 | 4,42 | — | Oxyacanthin |
| 60,66 | 8,78 | 28,88 | 1,68 | — | Solanin |
| 60,67 | 3,37 | 35,96 | — | — | Parellsäure |
| 60,67 | 6,37 | 32,96 | — | — | Philyrin |
| 60,71 | 5,95 | 33,34 | — | — | Barbaloin |
| 60,81 | 4,90 | 34,29 | — | — | Gyrophorasäure |
| 60,85 | 4,75 | 34,40 | — | — | Gardenin |
| 60,86 | 4,42 | 34,78 | — | — | Salicylsäure |
| 60,90 | 4,81 | 34,23 | — | — | Catechin |
| 61,02 | 15,25 | — | 23,73 | — | Trimethylamin |
| 61,03 | 8,56 | 25,27 | 5,14 | — | Jervin |
| 61,29 | 8,85 | 26,40 | 3,46 | — | Sabadillin |
| 61,39 | 6,67 | 29,77 | 2,17 | — | Aconitin |
| 61,44 | 4,82 | 33,74 | — | — | Evernsäure |
| 61,69 | 8,78 | 26,76 | 2,77 | — | Sabatrin |
| 61,8 | 5,1 | 32,0 | — | — | Scleroxanthin |
| 61,85 | 5,15 | 33,00 | — | — | Meconin |
| 61,86 | 5,15 | 32,99 | — | — | Benzohelicin |
| 62,01 | 5,15 | 33,64 | — | — | Chinovaroth |
| 62,07 | 10,35 | 27,58 | — | — | Capronsäure |
| 62,07 | 3,45 | 34,48 | — | — | Luteolin |
| 62,17 | 8,81 | 29,02 | — | — | Gratiolin |
| 62,17 | 4,81 | 33,02 | — | — | Ratanhiaroth |
| 62,33 | 6,49 | 31,17 | — | — | Crocin |
| 62,4 | 9,0 | 28,6 | — | — | Melanthin |
| 62,46 | 4,66 | 32,88 | — | — | Catechugerbsäure |
| 62,50 | 4,17 | 33,33 | — | — | Anemonin |
| 62,68 | 7,46 | 29,88 | — | — | Antiarin |
| 62,92 | 4,72 | 32,36 | — | — | Linin |
| 63,00 | 7,0 | 30,0 | — | — | Cnicin |
| 63,09 | 7,47 | 27,32 | 2,12 | — | Nepalin |
| 63,13 | 5,26 | 30,58 | — | — | Vanillin |
| 63,16 | 9,60 | 27,24 | — | — | Convallarin |
| 63,44 | 6,58 | 25,20 | 4,38 | — | Colchicein |
| 63,57 | 4,63 | 31,79 | — | — | Haematoxylin |
| 63,60 | 8,50 | 27,90 | — | — | Digitoxin |
| 63,64 | 6,06 | 30,30 | — | — | Physalin |
| 63,8 | 8,2 | 24,9 | 3,1 | — | Veratroidin |
| 63,83 | 6,38 | 29,76 | — | — | Coriamyrtin |
| 63,92 | 5,57 | 27,12 | 3,39 | — | Narcotin |
| 64,12 | 11,44 | 24,44 | — | — | Oenanthensäure |
| 64,20 | 6,17 | 29,63 | — | — | Filicin |
| 64,23 | 8,77 | 27,00 | — | — | Cerinsäure |

| C | H | O | N | S | Name |
|-------|-------|-------|-------|---|--|
| 64,42 | 8,70 | 23,97 | 2,91 | — | Veratrin |
| 64,48 | 4,40 | 31,20 | — | — | Kämpferid |
| 64,55 | 8,66 | 23,47 | 3,42 | — | Delphinin |
| 64,80 | 13,51 | 21,62 | — | — | Butylalkohol |
| 64,90 | 7,6 | 27,5 | — | — | Cañcedrin |
| 65,11 | 3,87 | 31,02 | — | — | Gentisin |
| 65,26 | 6,66 | 28,07 | — | — | Kosin |
| 65,28 | 5,60 | 29,03 | — | — | Columbin |
| 65,45 | 5,16 | 29,09 | — | — | Brenzcatechin, Hydrochinon u. Resorcin |
| 65,49 | 7,64 | 11,60 | 15,27 | — | Physostigmin |
| 65,62 | 3,13 | 31,25 | — | — | Purpurin |
| 65,69 | 5,11 | 29,20 | — | — | Santalin |
| 65,79 | 5,48 | 25,08 | 3,65 | — | Rhoeadin |
| 65,85 | 5,64 | 28,51 | — | — | Methystin |
| 65,97 | 5,75 | 20,95 | 7,33 | — | Chlorogenin |
| 66,0 | 4,6 | 29,3 | — | — | Mongumosäure |
| 66,05 | 8,26 | 25,69 | — | — | Laserpitin |
| 66,38 | 6,38 | 27,23 | — | — | Limonin |
| 66,44 | 6,57 | 22,15 | 4,84 | — | Cocain |
| 66,66 | 9,63 | 23,71 | — | — | Hederasäure |
| 66,66 | 3,71 | 29,63 | — | — | Umbelliferon |
| 66,67 | 6,67 | 26,66 | — | — | Quassin |
| 66,67 | 3,70 | 30,63 | — | — | Emodin |
| 66,98 | 6,98 | 26,04 | — | — | Athamanthin |
| 67,00 | 9,64 | 16,30 | 7,10 | — | Gelsemin |
| 67,11 | 5,43 | 27,46 | — | — | Brasillin |
| 67,12 | 11,89 | 11,19 | 9,79 | — | Conydrin |
| 67,20 | 7,20 | 25,40 | — | — | Rhinacanthin |
| 67,41 | 5,62 | 26,96 | — | — | Cubebin |
| 67,41 | 5,62 | 26,96 | — | — | Curcumin |
| 67,5 | 8,4 | 20,5 | 3,6 | — | Staphisagrין |
| 67,6 | 4,2 | 28,2 | — | — | Frangulinsäure |
| 67,71 | 5,88 | 26,41 | — | — | Pikropodophyllin |
| 67,76 | 6,45 | 25,81 | — | — | Orcin |
| 67,85 | 3,57 | 28,58 | — | — | Paracotoin |
| 68,06 | 5,08 | 14,32 | 12,34 | — | Chelidonin |
| 68,07 | 5,04 | 26,89 | — | — | Erythrocentaurin |
| 68,08 | 6,31 | 17,05 | 8,56 | — | Pikroroccellin |
| 68,22 | 6,66 | 27,65 | 3,45 | — | Moschatin |
| 68,39 | 7,77 | 16,58 | 7,25 | — | Ditaïn |
| 68,85 | 4,92 | 26,23 | — | — | Salicylige und Benzoësäure |
| 68,96 | 8,04 | 23,00 | — | — | Elaterin |
| 69,56 | 7,24 | 23,20 | — | — | Betaorcin |
| 69,72 | 5,42 | 24,86 | — | — | Alcannin |

| C | H | O | N | S | Name |
|-------|-------|-------|-------|-------|-----------------------------------|
| 69,76 | 11,62 | 18,61 | — | — | Caprinsäure |
| 69,84 | 4,76 | 25,39 | — | — | Cotoïn |
| 70,00 | 9,29 | 20,71 | — | — | Capsaicin |
| 70,05 | 6,59 | 16,25 | 7,11 | — | Cusconin und Aricin |
| 70,38 | 8,50 | 21,12 | — | — | Absinthiin |
| 70,58 | 7,95 | 16,60 | 4,84 | — | Atropin, Hyoscyamin, Hyoscin etc. |
| 70,58 | 5,88 | 23,54 | — | — | Peucedanin |
| 70,59 | 5,26 | 19,82 | 4,33 | — | Sanguinarin |
| 70,79 | 6,20 | 18,88 | 4,13 | — | Papaverin |
| 70,81 | 4,35 | 24,84 | — | — | Chrysopikrin (Vulpinsäure) |
| 70,87 | 7,87 | 15,75 | 5,51 | — | Atherospermin |
| 70,87 | 3,94 | 25,19 | — | — | Chrysophansäure |
| 70,9 | 9,5 | 15,6 | 3,9 | — | Delphinoïdin |
| 71,00 | 10,05 | 18,95 | — | — | Rottlerin |
| 71,38 | 5,89 | 22,73 | — | — | Paeniofluorescin |
| 71,58 | 6,67 | 16,84 | 4,91 | — | Morphin und Piperin |
| 71,64 | 5,08 | 19,10 | 4,18 | — | Berberin |
| 72,00 | 8,00 | 10,65 | 9,35 | — | Menispermin? |
| 72,09 | 12,04 | 15,87 | — | — | Laurostearinsäure |
| 72,24 | 7,02 | 16,06 | 4,68 | — | Codeïn |
| 72,31 | 5,22 | 22,47 | — | — | Chrysarobin |
| 72,41 | 13,79 | 13,79 | — | — | Heptylalkohol |
| 72,48 | 11,41 | 16,11 | — | — | Ricinölsäure |
| 72,58 | 8,06 | 19,36 | — | — | Pipitzahoïnsäure |
| 72,90 | 6,54 | 7,48 | 13,08 | — | Harmalin |
| 72,92 | 5,41 | 21,62 | — | — | Zimmtsäure |
| 73,03 | 7,69 | 10,25 | 8,98 | — | Chinamin |
| 73,17 | 7,32 | 19,32 | — | — | Santonin, Eugenol, Eugenin |
| 73,28 | 3,82 | 12,22 | 10,68 | — | Indigblau |
| 73,31 | 6,75 | 15,44 | 4,50 | — | Berberin und Thebaïn |
| 73,58 | 5,67 | 7,54 | 13,21 | — | Harmin |
| 73,62 | 11,66 | 14,72 | — | — | Bryoïdin |
| 73,84 | 13,84 | 12,32 | — | — | Caprylalkohol |
| 73,85 | 8,31 | 4,92 | 12,92 | — | Cytisin |
| 73,68 | 12,28 | 14,04 | — | — | Myristinsäure |
| 73,97 | 4,11 | 21,92 | — | — | Cumarin |
| 74,08 | 8,62 | — | 17,28 | — | Nicotin |
| 74,4 | 9,7 | 9,57 | 5,62 | 1,37P | Chlorophyllan |
| 74,54 | 10,56 | 14,90 | — | — | Asclepin |
| 74,57 | 8,48 | 9,04 | 7,81 | — | Aspidospermin |
| 74,6 | 5,3 | 21,1 | — | — | Grönhartin |
| 74,66 | 7,55 | 17,78 | — | — | Bixin |
| 75,00 | 3,57 | 21,44 | — | — | Alizarin |
| 75,00 | 12,50 | 12,50 | — | — | Palmitinsäure |

| C | H | O | N | S | Name |
|-------|-------|-------|-------|---|--|
| 75,02 | 6,66 | 10,43 | 8,64 | — | Chinin und Conchinin |
| 75,04 | 9,07 | 15,89 | — | — | Anacardsäure |
| 75,59 | 7,09 | 6,29 | 11,02 | — | Paricin |
| 75,78 | 7,37 | 16,85 | — | — | Helleborin |
| 76,06 | 12,68 | 11,26 | — | — | Stearinsäure |
| 76,59 | 12,06 | 11,35 | — | — | Oelsäure |
| 76,81 | 12,00 | — | 11,20 | — | Coniin |
| 76,83 | 8,53 | 14,64 | — | — | Helenin |
| 76,92 | 12,82 | 10,26 | — | — | Arachinsäure, Menthol u. Caprinaldehyd |
| 77,07 | 7,95 | 14,98 | — | — | Ostruthin |
| 77,24 | 6,54 | 7,30 | 8,92 | — | Strychnin |
| 77,55 | 7,48 | 5,44 | 9,53 | — | Cinchonin und Cinchonidin |
| 77,69 | 12,23 | — | 10,07 | — | Methylconiin |
| 77,92 | 11,69 | 10,39 | — | — | Borneol |
| 78,05 | 10,57 | — | 11,38 | — | Sparteïn |
| 78,3 | 11,2 | ? | ? | — | Conessin |
| 78,43 | 5,68 | — | 15,89 | — | Aribin |
| 78,57 | 9,52 | 11,91 | — | — | Abietinsäure |
| 78,68 | 13,95 | 7,37 | — | — | Cetylalkohol |
| 78,94 | 10,53 | 10,53 | — | — | Camphor und Caryophyllin |
| 79,02 | 13,17 | 7,81 | — | — | Cerotinsäure |
| 79,24 | 5,65 | 15,11 | — | — | Benzaldehyd |
| 79,47 | 9,93 | 10,59 | — | — | Pimarsäure |
| 79,74 | 6,33 | 5,06 | 8,86 | — | Paytin |
| 80,00 | 9,33 | 10,77 | — | — | Thymol und Carvol |
| 80,25 | 9,55 | 10,20 | — | — | Cardol |
| 80,67 | 5,88 | 13,45 | — | — | Cinnameïn |
| 81,08 | 8,11 | 10,81 | — | — | Anethol |
| 81,51 | 13,21 | — | 5,28 | — | Curarin |
| 81,81 | 14,14 | 4,05 | — | — | Cerotylalkohol |
| 81,82 | 6,06 | 12,12 | — | — | Styracin und Zimmtaldehyd |
| 81,82 | 11,04 | 7,14 | — | — | Euphorbon und Lactucerin |
| 82,19 | 14,15 | 3,66 | — | — | Melissylalkohol |
| 82,44 | 11,41 | 6,15 | — | — | Hydrocarotin |
| 82,57 | 11,36 | 6,06 | — | — | Betulin |
| 83,49 | 11,79 | 4,73 | — | — | Amyrin |
| 83,87 | 11,83 | 4,30 | — | — | Phytosterin |
| 84,11 | 12,15 | 3,74 | — | — | Cholesterin |
| 84,37 | 9,37 | 6,26 | — | — | Carotin |
| 88,24 | 11,76 | — | — | — | Kautschouk, Terpene etc. |
| 92,31 | 7,69 | — | — | — | Styrol |