

author(s)	wt.% CaCO ₃	wt.% MgCO ₃
Apjohn (1838)	53.2**	42.0**
Apjohn (1838)	54.0**	45.1**
Apjohn (1838)	47.2**	45.8**
Arsандаux (1901)	53.4*	34.8*
Arsандаux (1901)	53.9*	43.5*
Arsандаux (1901)	53.4*	39.1*
Arsандаux (1901)	54.1*	44.1*
Balconi & Ferrario (1939)	53.40	43.32
Beckurts (1881 A)	54.59	44.67
Beckurts (1881 A)	53.58	42.63
Beckurts (1881 A)	52.5	42.5
Beckurts (1881 B)	55.75	43.63
Beckurts (1881 B)	57.50	38.45
Beudant (1832)	54.1*	38.3*
Beudant (1832)	53	42.5
Beudant (1832)	53.4*	37.0*
Beudant (1832)	51.5	43.7
Beudant (1832)	53.4*	46.8*
Beudant (1832)	48.1*	29.26*
Beudant (1832)	59.4	39.7
Beudant (1832)	62.1	35.5
Von Bibra (1863)	67.00	25.85
Von Bibra (1863)	41.02	47.92
Brun (1881)	56.64	37.89
Buchdrucker (1891)	72.21	22.68
Busenberg & Plummer (1982)	54.11*	44.26*
Busenberg & Plummer (1982)	54.36*	45.16*
Busenberg & Plummer (1982)	53.68*	43.26*
Busenberg & Plummer (1982)	54.25*	44.20*
Busenberg & Plummer (1982)	53.63*	42.48*
Busenberg & Plummer (1982)	54.72*	44.11*
Busenberg & Plummer (1982)	54.17*	43.82*
Busenberg & Plummer (1982)	54.38*	42.82*
Busenberg & Plummer (1982)	54.43*	42.94*
Busenberg & Plummer (1982)	54.65*	42.94*
Chester (1887)	52.83	40.39
Clarke (1904)	51.80*	34.89*
Clarke (1904)	55.00*	44.66*
Clarke (1904)	54.75*	43.32*
Clarke (1904)	56.54*	37.38*
Clarke (1904)	51.90*	42.46*
Clarke (1904)	54.84*	43.65*
Clarke (1904)	52.79*	43.59*
Clarke (1904)	55.22*	43.26*
Clarke (1904)	53.88*	42.82*
Clarke (1904)	54.72*	43.89*
Clarke (1904)	54.36*	43.72*

Clarke (1904)	54.52*	42.15*
Clarke (1904)	56.40*	38.22*
Clarke (1904)	54.17*	42.23*
Des Cloizeaux (1874)	54.21	44.41
Des Cloizeaux (1874)	55.77	43.59
Des Cloizeaux (1874)	54.02	45.28
Des Cloizeaux (1874)	52.46	41.16
Des Cloizeaux (1874)	53.20	40.15
Des Cloizeaux (1874)	54.28	44.87
Des Cloizeaux (1874)	54.76	42.10
Des Cloizeaux (1874)	52.71	33.46
Des Cloizeaux (1874)	55.06	44.55
Des Cloizeaux (1874)	52.30	46.97
Des Cloizeaux (1874)	53.24	46.84
Des Cloizeaux (1874)	57.91	38.97
Des Cloizeaux (1874)	55.24	41.60
Des Cloizeaux (1874)	54.31	43.26
Des Cloizeaux (1874)	55.01	42.67
Des Cloizeaux (1874)	55.62	42.40
D'Achiardi (1901)	51.78*	47.23*
Doelter (1875)	56.88	45.12
Doelter & Hoernes (1875)	55.91*	40.17*
Doelter & Hoernes (1875)	53.79*	41.36*
Doelter & Hoernes (1875)	54.79*	37.52*
Doelter & Hoernes (1875)	51.64*	44.50*
Doelter & Hoernes (1875)	55.20*	42.72*
Doelter & Hoernes (1875)	54.57*	44.62*
Doelter & Hoernes (1875)	53.76*	40.76*
Doelter & Hoernes (1875)	58.79*	41.24*
Doelter & Hoernes (1875)	59.09*	33.75*
Doelter & Hoernes (1875)	53.28*	44.60*
Doelter & Hoernes (1875)	56.12*	42.07*
Doelter & Hoernes (1875)	55.55*	40.82*
Dürr (1909)	57.33	37.00
Eisenhuth (1902)	55.05	44.02
Eisenhuth (1902)	52.18	40.15
Eisenhuth (1902)	54.23	42.03
Eisenhuth (1902)	54.21	41.55
Eisenhuth (1902)	53.51	43.24
Eisenhuth (1902)	54.84	42.24
Eisenhuth (1902)	54.87	41.34
Eisenhuth (1902)	53.73	43.10
Eisenhuth (1902)	55.36	41.30
Eisenhuth (1902)	54.78	42.89
Eisenhuth (1902)	54.39	42.81
Eisenhuth (1902)	55.05	35.22
Eisenhuth (1902)	54.98	42.07
Eisenhuth (1902)	54.29	41.05
Eisenhuth (1902)	55.07	40.63
Eisenhuth (1902)	54.95	42.93

Eisenhuth (1902)	54.98	40.51
Eisenhuth (1902)	54.77	41.57
Eisenhuth (1902)	54.25	41.41
Eisenhuth (1902)	54.87	37.71
Elschner (1913)	52.26	43.35
Elschner (1913)	57.00	40.64
Everman et al. (1921)	67.24	29.88
Everman et al. (1921)	53.12	38.49
Everman et al. (1921)	49.83	45.48
Everman et al. (1921)	52.16	46.80
Everman et al. (1921)	53.41	40.96
Everman et al. (1921)	61.50	35.63
Everman et al. (1921)	53.34	44.44
Everman et al. (1921)	46.94	42.89
Feigl & Leitmeier (1928)	53.98	45.08
Feigl & Leitmeier (1928)	50.75	48.00
Forchhammer (1849)	58.38	41.42
Garrels et al. (1960)	54.31*	45.56*
Gilby (1816)	56	44
Glatzel (1919)	54.27	45.72
Gmelin (1826)	52.30	41.86
Gmelin (1826)	54.54	42.80
Göbel (1830)	53.5	41.5
Von Gorup-Besanez (1872)	57.32	42.68
Von Gorup-Besanez (1872)	57.21	42.79
Halenke (1872)	59.06	39.48
Halenke (1872)	58.63	37.90
Halenke (1872)	56.60	41.35
Halenke (1872)	54.55	43.81
Halenke (1872)	54.37	45.45
Halenke (1872)	54.50	43.07
Halenke (1872)	55.19	41.50
Halenke (1872)	56.39	42.37
Halenke (1872)	53.87	45.27
Halenke (1872)	53.81	45.05
Halenke (1872)	53.81	45.01
Halenke (1872)	55.86	43.01
Halenke (1872)	54.25	44.33
Halenke (1872)	54.51	43.30
Halenke (1872)	54.66	44.62
Halenke (1872)	55.41	42.64
Halenke (1872)	54.62	44.23
Halenke (1872)	57.49	42.07
Halenke (1872)	58.03	40.27
Halenke (1872)	54.81	42.18
Halenke (1872)	53.75	43.35
Halla (1935)	52.63	45.63
Halla (1935)	51.15	47.54
Halla (1963)	54.95*	46.41*
Harding et al. (1920)	53.58	37.86

Harding et al. (1920)	48.52	40.02
Harding et al. (1920)	50.46	37.82
Harding et al. (1920)	56.60	40.50
Harding et al. (1920)	54.39	43.51
Harding et al. (1920)	53.67	34.82
Harding et al. (1920)	56.80	39.39
Harding et al. (1920)	60.32	38.78
Harding et al. (1920)	55.78	39.35
Harding et al. (1920)	59.43	22.85
Harding et al. (1920)	65.50	33.64
Harding et al. (1920)	66.41	26.33
Harding et al. (1920)	43.75	52.96
Haushofer (1881)	53.52	44.48
Haushofer (1881)	53.58	44.55
Haushofer (1881)	52.77	42.55
Haushofer (1881)	54.57	45.33
Haushofer (1881)	57.40	38.00
Haushofer (1881)	58.86	41.18
Haushofer (1881)	58.36	41.37
Hausmann (1854)	59.68	38.24
Heddle (1878)	53.80	44.85
von Inostranzeff (1872)	53.03	41.95
von Inostranzeff (1872)	54.84	44.21
Karsten (1828)	53.85	40.40
Karsten (1828)	54.30	43.65
Karsten (1828)	53.95	42.10
Karsten (1828)	53.45	43.30
Karsten (1828)	53.70	44.05
Karsten (1828)	52.90	42.80
Karsten (1828)	55.90	43.85
Karsten (1828)	57.80	41.85
Karsten (1828)	57.30	39.90
Karsten (1828)	55.25	44.45
Karsten (1828)	55.35	44.35
Karsten (1828)	55.25	44.50
Karsten (1828)	57.90	41.80
Karsten (1828)	56.05	42.70
Karsten (1828)	55.60	43.10
Karsten (1828)	55.90	43.20
Karsten (1828)	54.50	45.22
Karsten (1828)	54.54	44.98
Karsten (1828)	55.55	44.14
Karsten (1828)	57.75	41.32
Karsten (1828)	55.42	43.87
Karsten (1828)	59.45	40.28
Karsten (1828)	54.65	45.12
Karsten (1828)	55.4	43.9
Karsten (1828)	55.59	44.00
Karsten (1828)	55.70	43.75
Karsten (1828)	59.80	40.15

Karsten (1828)	57.20	41.20
Karsten (1828)	59.30	39.05
Karsten (1828)	58.80	40.38
Klähn (1929)	56.8	43.2
Klähn (1929)	56.7	43.3
Klähn (1929)	56.2	43.8
Klähn (1929)	58.6	41.4
Klähn (1929)	53.53	46.47
Klaproth (1804)	52	46.50
Klaproth (1804)	59	40.50
Klaproth (1804)	65	35
Klaproth (1804)	52	48
Klaproth (1804)	51.50	48
Klaproth (1816)	57.90	41.8
Knight (1904)	53.62	44.96
Koller (1918)	53.38	46.45
Landes (1946)	56.20	40.30
Landes (1946)	55.61	41.27
Laugier (1826)	51.55	41.31
Laugier (1830)	55.36	41.30
Leitmeier (1916 A)	55.36	43.04
Leube (1840)	57.49	42.00
Leube (1840)	56.24	43.26
Leube (1844)	54.97	45.03
Leube (1844)	55.38	44.62
Leube (1844)	56.68	43.32
Leube (1844)	54.56	45.44
Leube (1844)	61.70	38.30
Leube (1844)	57.64	42.36
Leube (1844)	55.83	44.04
Leube (1844)	55.42	44.58
Leube (1844)	55.94	44.06
Leube (1844)	55.46	44.54
Leube (1844)	55.28	44.72
Leube (1844)	54.37	45.24
Leube (1844)	53.28	46.72
Leube (1844)	53.50	46.50
Leube (1844)	53.72	46.27
Leube (1844)	54.38	45.62
Leube (1844)	55.08	44.92
Leube (1844)	57.57	42.43
Leube (1844)	64.53	35.47
Leube (1844)	57.01	42.99
Leube (1844)	55.01	44.99
Leube (1844)	58.11	41.89
Leube (1844)	56.57	43.35
Leube (1844)	63.58	36.42
Leube (1844)	66.83	33.17
Leube (1844)	64.28	35.72
Leube (1844)	61.99	38.01

Leube (1844)	60.24	39.49
Leube (1844)	55.68	44.32
Leube (1844)	54.13	45.84
Leube (1844)	58.96	41.04
Leube (1844)	57.74	42.26
Leube (1844)	61.63	38.08
Leube (1844)	63.96	36.04
Leube (1844)	62.60	37.40
Leube (1844)	57.29	42.00
Leube (1844)	56.24	43.26
Leube (1844)	63.69	36.31
Leube (1844)	58.77	40.77
Leube (1844)	60.85	39.15
Leube (1844)	66.70	33.30
Leube (1844)	54.56	45.56
Leube (1844)	55.62	44.38
Leube (1844)	56.52	43.48
Linck (1907)	53.36	36.27
Loczka (1902)	54.07	44.30
Mahler (1906)	52.59	42.92
Mahler (1906)	54.57	45.43
Mahler (1906)	56.69	39.05
Matsumoto et al. (1978)	54.20	44.07
Matsumoto et al. (1978)	57.07	42.54
Matsumoto et al. (1978)	59.66	40.01
Matsumoto et al. (1978)	56.98	42.54
Matsumoto et al. (1978)	57.88	41.68
Matsumoto et al. (1978)	54.95	44.43
Matsumoto et al. (1978)	56.18	43.37
Matsumoto et al. (1978)	55.44	44.15
Matsumoto et al. (1978)	55.11	44.44
Matsumoto et al. (1978)	53.85	45.59
Matsumoto et al. (1978)	55.24	44.38
Matsumoto et al. (1978)	53.84	45.80
Matsumoto et al. (1978)	51.46	48.06
Matsumoto et al. (1978)	54.30	45.18
Matsumoto et al. (1978)	52.22	47.20
Matsumoto et al. (1978)	53.01	46.55
Mitchell (1923 A)	54.09*	45.20*
Mitchell (1923 A)	55.13*	44.36*
Mitchell (1923 A)	54.34*	45.43*
Monheim (1848)	54.31	43.26
Von Morlot (1849)	54.7	42.5
Müller (1886)	53.0	40.5
Müller (1886)	54.5	44.5
Petersen (1867)	56.14	42.30
Petzhold (1843)	54.5**	45.5**
Petzhold (1843)	53.0**	46.9**
Petzhold (1843)	54.8**	45.2**
Petzhold (1843)	54.4	44.5

Petzhold (1843)	54.6	45.4
Pfaff Sr. (1851)	52.43	43.33
Pfaff Sr. (1851)	60.33	38.27
Pfaff Sr. (1852)	60.28	38.99
Pfaff Sr. (1852)	57.37	39.78
Pfaff Sr. (1852)	57.23	39.00
Pfaff Jr. (1894)	55.0	43.3
Pfaff Jr. (1894)	54.4	44.9
Pfaff Jr. (1907)	54.80	42.14
Pfaff Jr. (1907)	53.1	43.7
Rammelsberg (1841)	60.99	36.53
Redlich (1913)	55.20	42.44
Redlich (1913)	55.52	43.46
Redlich (1913)	56.78	41.44
Redlich (1916)	54.14	43.42
Reed (1918)	55.17	43.04
Reed (1918)	53.43	42.93
Reed (1918)	51.85	43.94
Reed (1918)	55.61	42.58
Reeder & Sheppard (1984)	50.06	49.32
Reeder & Sheppard (1984)	50.1	49.8
Reeder & Sheppard (1984)	55.7	44.3
Reeder & Sheppard (1984)	55.6	44.4
Reeder & Sheppard (1984)	55.6	44.4
Reeder & Sheppard (1984)	54.3	45.7
Reeder & Sheppard (1984)	53.8	46.2
Reeder & Sheppard (1984)	51.5	48.5
Reeder & Sheppard (1984)	51.6	48.4
Reeder & Sheppard (1984)	50.1	49.9
Reeder & Sheppard (1984)	56.2	43.8
Reeder & Sheppard (1984)	52.5	47.5
Reeder & Sheppard (1984)	51.1	48.9
Reeder & Sheppard (1984)	55.9	43.9
Reeder & Sheppard (1984)	56.2	43.7
Reeder & Sheppard (1984)	56.0	44.0
Reeder & Sheppard (1984)	54.6	45.2
Reeder & Sheppard (1984)	56.0	43.9
Reeder & Sheppard (1984)	54.5	45.5
Reeder & Sheppard (1984)	55.8	44.1
Reeder & Sheppard (1984)	54.8	44.9
Reeder & Sheppard (1984)	52.0	47.9
Reeder & Sheppard (1984)	51.2	48.8
Reeder & Sheppard (1984)	50.8	49.2
Reeder & Sheppard (1984)	50.3	49.4
Reeder & Sheppard (1984)	50.5	49.3
Reeder & Sheppard (1984)	50.8	49.1
Reeder & Sheppard (1984)	50.8	49.2
Reeder & Sheppard (1984)	55.3	44.4
Reeder & Sheppard (1984)	54.0	45.3
Reeder & Sheppard (1984)	51.5	48.4

Reeder & Sheppard (1984)	51.8	47.5
Reeder & Sheppard (1984)	51.4	48.6
Reeder & Sheppard (1984)	52.1	47.0
Reeder & Sheppard (1984)	50.9	48.7
Reeder & Sheppard (1984)	51.1	48.7
Robie (1957)	54.91*	45.41*
Rosza (1926)	55.09	44.08
Rosza (1926)	55.13	44.15
Rosza (1926)	54.74	44.36
Rosza (1926)	54.33	44.86
Roth (1852)	54.79	45.21
Roth (1854)	57.51	46.40
Roth (1854)	56.1	42.0
Rothrock & Shumaker (1920)	49.00	40.23
Rothrock & Shumaker (1920)	52.93	44.33
Rothrock & Shumaker (1920)	53.28	45.18
Rothrock & Shumaker (1920)	54.64	45.18
Rothrock & Shumaker (1920)	59.98	36.83
Rothrock & Shumaker (1920)	56.63	41.37
Rothrock & Shumaker (1920)	57.18	36.83
Rumpf (1873 A)	55.13*	45.54*
Sartorius von Waltershausen (1855)	55.06	44.55
Scheerer (1866)	55.58	40.47
Sella (1887)	55.76	44.24
Suckow (1836)	55.2	44.7
Tennant (1799)	56.58*	42.43*
Tennant (1799)	55.16*	44.94*
Tennant (1799)	55.6*	36.8*
Tennant (1799)	61.19*	38.20*
Vesterberg (1900)	53.77*	43.56*
Vesterberg (1900)	54.41*	45.02*
Vesterberg (1900)	54.27*	43.05*
Williams (1888)	54.30	45.23
Zen (1959)	56	44
Zsivny (1949)	53.76*	45.0*

Table II - Variability in the chemical composition of dolomite (* = recalculated from original data given as CaO and MgO ; ** = recalculated from ratio's; see original publication).