Structure type index by space group

Structure Types

(Multiple namings of a formula are distinguished by numbers in brackets posted behind it.)

Index of structures, space groups (166) *R*-3m – (160) *R*3m

Space group (166) *R*-3*m*

(*continued*)

DOI: 10.1007/978-3-540-44752-8_2
© Springer 2008

Index of structures, space groups (166) *R*-3m – (160) *R*3m

$Sr_{9.1}Cu_{1.4}[PO_4]_7$
$K_{0.3}Cu_{1.8}(Al_{0.325}Si_{0.675})_{12}O_{24}[H_2O]_{13}$
$Cs_{2.83}W_5O_{16}$
$Sr_{9.2}Co_{1.3}[PO_4]_7$
$H_{3.6}Fe[CN]_6[H_2O]_{1.6}$
$Sr_{0.2}Ca_{0.3}Cd_{1.4}(Al_{0.31}Si_{0.69})_{12}O_{24}[H_2O]_{11.6}$
$Sr_9Fe[PO_4]_7$
$KCa_{0.51}Mg_{0.67}(Al_{0.28}Si_{0.72})_{12}O_{24}[H_2O]_{13.2}$
$Nb_{5.3}V_{3.6}Ni_{4.1}H_{8.7}$
$La_{15.9}Cr_{5.4}S_{32}$
$Sr_{1.85}(Al_{0.31}Si_{0.69})_{12}O_{24}[H_2O]_{12.2}$
$La_{17.33}Fe_4S_{30}$
$BaFe_{15}O_{23}$
$Tl_{4.62}Ta_{11.08}O_{30}$
$Ca_{1.85}(Al_{0.31}Si_{0.69})_{12}O_{24}[H_2O]_{12}$
$Sr_{9.3}Ni_{1.2}[PO_4]_7$
$Ca_{1.8}(Al_{0.30}Si_{0.70})_{12}O_{24}[H_2O]_{13.2}$
$Li_{3.3}Ca_{0.2}(Al_{0.31}Si_{0.69})_{12}O_{24}[H_2O]_{12}$
$K_{0.3}Na_{0.8}Ca_{2.3}(Al_{0.32}Si_{0.68})_{18}O_{36}[H_2O]_{18}$
$Mn_{1.9}(Al_{0.32}Si_{0.68})_{12}O_{24}[H_2O]_{9.8}$
$Cs_{0.23}K_{0.13}Ca_{0.78}Fe_{0.58}(Al_{0.26}Si_{0.74})_{12}O_{24}[H_2O]_{9.8}$
$[NH_4]_{3.4}Ca_{0.3}(Al_{0.33}Si_{0.67})_{12}O_{24}[H_2O]_{8.4}$
$K_{0.2}Na_{0.7}Ca_{2.7}(Al_{0.35}Si_{0.65})_{18}O_{36}[H_2O]_{16.7}$
$Cs_{2.9}Na_{10.1}Sn_{23}$
$Ce_{17.67}Fe_4S_{30}I$
$K_{3.1}Na_{0.5}(Al_{0.30}Si_{0.70})_{12}O_{24}[H_2O]_{9.6}$
$Cs_2[VO]Si_4O_{10}[H_2O]_{2.7}$
$Ce_{17.67}Fe_4S_{30}Cl$
$K_{0.4}Na_{3.1}Ca_{1.4}(Al_{0.35}Si_{0.65})_{18}O_{36}[H_2O]_{16.4}$
$K_{0.3}Na_{3.8}Ca_{1.1}(Al_{0.35}Si_{0.65})_{18}O_{36}[H_2O]_{14.7}$
$K_{1.3}Na_{1.02}Ca_{0.84}(Al_{0.33}Si_{0.67})_{12}O_{24}[H_2O]_{12.17}$
$Na_{3.7}(Al_{0.31}Si_{0.69})_{12}O_{24}[H_2O]_{11}$
$K_{0.1}Na_{1.3}Ca_{2.3}(Al_{0.33}Si_{0.67})_{18}O_{36}[H_2O]_{17.1}$
B (1)
$Ba_{13.5}Ti_{16.5}Fe_8O_{58.5}$
$Ce_2Zr_2O_{7.98}$
B (2)
$Si_{1.2}(Si_{0.13}B_{0.87})_{12}B_{91.4}$
$Cr_{2.5}B_{103.3}$
$V_{0.6}B_{104.5}$
$Cu_2Al_{2.7}B_{104}$
$Mn_{4.4}B_{102.9}$
$Sc_{3.7}B_{101.8}$
$Ti_{2.0}B_{103.2}$
$Zr_{2.0}B_{102.1}$
Na_7Ga_{13}

(*continued*)

DOI: 10.1007/978-3-540-44752-8_2
© Springer 2008

Index of structures, space groups (166) *R*-3m – (160) *R*3m

$Zn_{4.1}B_{102.6}$
$Sc_{1.6}B_{104.0}$
$K_{21}(K_{0.33}In_{0.67})In_{39}$
$Rb_2[VO]Si_4O_{10}[H_2O]_3$
$Na_{14}Ce_6ZrMn_2Fe_2Si_{12}[PO_4]_7O_{36}[OH]_2[H_2O]_3$
$Na_{12}Ca_6Zr_3(Zr_{0.6}Nb_{0.4})_{0.6}Fe_3Si_{24}ClO_{68.4}[OH]_{3.6}$
$Si_{3.3}B_{101.4}C_{1.2}$
$V_{0.6}B_{105.5}$
$Cr_{1.5}B_{104.9}$
$Sc_{1.3}B_{105.2}$
$Cr_{1.1}B_{105.0}$
$Ta_{1.1}B_{104.2}$
$Mn_{0.8}B_{105.9}$
$Cu_{4.5}B_{103}$
$Fe_{1.2}B_{105.4}$
$Ni_{0.8}B_{106.3}$
$V_{1.7}B_{104.8}$
$Al_{3.3}B_{103.1}$
$K_4Na_{13}Ga_{49.57}$
$Na_2Ca[UO_2][CO_3]_3[H_2O]_{5.6}$
$Na_{34}Cu(Cu_{0.11}Ga_{0.89})_{104}$
$K_{14}Na_{21}Cd_{17}Ga_{82}$
$Na_6Ca_3[UO_2]_3[CO_3]_9[H_2O]_{16}$
B (3)
$Cu_{0.3}B_{106.7}$
$Ni_{2.1}B_{104.1}$
$Cu_{0.8}B_{106.5}$
$Na_{18}Ca_{13}Mg_5[PO_4]_{18}$
$Ca_{24}Mg_8Al_2Si_8[BO_3]_8[CO_3]_8O_{24}(O_{0.75}[OH]_{0.25})_8[H_2O]$
$Li_{48.3}Cu_{39.7}Si_{59}$
$Ni_{0.95}B_{106.1}$
$Ge_{1.1}B_{102.9}$
$[NH_4]_3[VO]_2BP_2O_{10}[H_2O]_2$
$Na_{14}Ca_7Zr_3(Mn_{0.25}Fe_{0.75})_3Si_{26}ClO_{73}[OH]_{2.5}F_{0.5}[H_2O]$
$Na_{14.8}Ca_{5.6}Ce_{0.6}Zr_3(Nb_{0.2}Si_{0.8})Fe_3Si_{25}ClO_{73}[OH]_3[OH_2]$
$Na_{15}Ca_6Zr_3(Nb_{0.1}Si_{0.9})(Mn_{0.1}Fe_{0.9})_3Si_{25}Cl_{1.6}O_{73}[OH]_{1.5}[H_2O]_{1.8}$
$Na_{12}Ca_8YZr_3(Mn_{0.3}Fe_{0.7})_3Si_{26}ClO_{75}[OH]_2$
$Na_{13}SrCa_7Zr_3(Mn_{0.3}Fe_{0.7})_3Si_{26}ClO_{73}[OH]_4$
$Na_{13}SrCa_7Zr_3(Mn_{0.25}Fe_{0.75})_3Si_{26}ClO_{73}[OH]_4$
$Na_{15}Ca_6Zr_3(Nb_{0.2}Si_{0.8})(Mn_{0.4}Fe_{0.6})_3Si_{25}ClO_{73}[OH]_{2.2}[H_2O]_{1.8}$
$Na_{17.3}Sr_{1.7}(Ca_{0.7}Mn_{0.3})_6(Ti_{0.8}Nb_{0.2})_3Si_{26}ClO_{74}[H_2O]_2$
$RbNa[VO]Si_4O_{10}[H_2O]_{2.4}$

Space group (165) *P*-3*c*1

Ca_5CuPb_3
$H_3Na[PHO_3]_2$
$Cs_2MnTe_2S_6$

(*continued*)

DOI: 10.1007/978-3-540-44752-8_2
© Springer 2008

Index of structures, space groups (166) *R*-3m – (160) *R*3m

$KFe[MoO_4]_2$
HoH_3
$Zr_3O_{0.89}$
Cu_3P (1)
Cr_5Te_8
NdH_3
$(Sr_{0.15}La_{0.85})F_{2.85}$
$[NH_4]_2CrF_5[H_2O]_6$
$Rb_2Sn[O_2H]_6$
$RbVI_3$
$Ba_3Bi_2TeO_9$
$Nb_2Mn_4O_9$
$RhSi_2[PO_4]_3O$
$La_5Ti_4O_{15}$
$(Ba_{0.5}La_{0.5})_2La_3Ti_4O_{15}$
$LiTe_3$
$NaTe_3$
$Fe[AsO_4][H_2O]_2$
Li_3ScF_6
Ni_5P_2
$Ca_3Be_2Ti[SiO_4]_2As_6O_{12}$
$Ta_4Mn_{11}O_{21}$
$Li_7Ti_2(Ti_{0.5}Nb_{0.5})_6O_{21}$
$Na_4[UO_2][CO_3]_3$
AlP_3O_9
$NaNp_3FeF_{15}$
$Na_{6.33}[PO_4]_2[OH]_{0.33}[H_2O]_{24}$
$Ca_2Al[NO_3][OH]_6[H_2O]_2$
Li_6CaCeO_6
Li_3InO_3
$Ca_{2.95}Fe_{14.85}O_{25}$
$K_2Ge_4O_9$
$K_2TiGe_3O_9$
$[NO_2]Zr_2[NO_3]_9[H_2O]_6$
$Na_{3.2}[PO_4]Cl_{0.2}[H_2O]_{11}$
$Li_9Al_3[PO_4]_2[P_2O_7]_3$
$CaMg_7(Fe_{0.5}Al_{0.5})_2[SO_4]_2[OH]_{18}[H_2O]_{12}$
$(Ca_{0.6}Mg_{0.4})Mg_7(Fe_{0.4}Al_{0.6})_2[SO_4]_2[OH]_{18}[H_2O]_{12}$
$[NH_4]_2Mo_3Se_6(Se_{0.21}S_{0.79})_6S_7$
$Sr_5(Sr_{0.25}Rh_{0.75})Rh_3O_{12}$
$K_6[NH_4]_3Mo_6Se_{14}I_5[CN]_{12}[H_2O]_9$
$(Ba_{0.25}Sr_{0.75})_5Mn_3NiO_{12}$
$Cs_7K_2W_6Te_{14}Br_5[CN]_{12}[H_2O]_9$
$K_3(K_{0.3}Na_{0.7})_2Na_3Mg_5[SO_4]_6[IO_3]_6[H_2O]_6$
$Cs_9Mo_6Te_{14}I_5[CN]_{12}[H_2O]_6$
$Na_7Mn_5[PO_4]_3F_{13}[H_2O]_3$

(*continued*)

DOI: 10.1007/978-3-540-44752-8_2
© Springer 2008

Index of structures, space groups (166) *R*-3m – (160) *R*3m

(*continued*)

DOI: 10.1007/978-3-540-44752-8_2
© Springer 2008

Index of structures, space groups (166) *R*-3m – (160) *R*3m

(*continued*)

DOI: 10.1007/978-3-540-44752-8_2
© Springer 2008

Index of structures, space groups (166) *R*-3m – (160) *R*3m

(*continued*)

DOI: 10.1007/978-3-540-44752-8_2
© Springer 2008

Index of structures, space groups (166) *R*-3m – (160) *R*3m

(*continued*)

DOI: 10.1007/978-3-540-44752-8_2
© Springer 2008

Index of structures, space groups (166) *R*-3m – (160) *R*3m

$Gd_3Pt_4In_{12}$
$La_4Mo_7Al_{51}$
$Pb_4[CO_3]_2[SO_4][OH]_2$
$Ba(Mg_{0.05}Ti_{0.05}Fe_{0.90})_{12}O_{19}$
$Mg_{1.9}Zn_{0.8}Ti_{0.5}Fe_{1.6}Al_{9.1}O_{19}[OH]$
$CsNa_6Be_2(Al_{0.5}Si_{0.5})_6Si_{12}O_{39}F_2$
$Na_6Be_2(Al_{0.33}Si_{0.67})_6Si_{12}O_{39}[OH]_2[H_2O]_{1.5}$
$CaC_4[CN]_6[H_2O]_6$
$(Mn_{0.54}Fe_{0.46})_8Si_6(Cl_{0.5}[OH]_{0.5})_3O_{15}[OH]_7$
$(Ag_{0.76}Cu_{0.24})_{16}(Sb_{0.4}As_{0.6})_2S_{11}$
$H_{1.5}K_{5.5}W_6SbO_{24}[H_2O]_6$
$K_{11.1}(Al_{0.31}Si_{0.69})_{36}O_{72}[H_2O]_8$
$Cs_{27}W_{18}O_{36}F_{63}[H_2O]_4$
$[NH_4]_3Mo_2O_2F_9[H_2O]_{0.9}$
Er_5Si_3C
$(K_{0.38}Ba_{0.62})_4BaAl_3ClF_{16.5}$
$K_{26}Na_6Tl_{18}In_{61}$
$K_{39}In_{80}$

Space group (163) *P*-31*c*

$Sc_{98}(B_{0.33}C_{0.67})_{162}C_{49}$
Ti_6O
$ZrFeCl_6$
Ti_3O
$NaSb([OH]_{0.33}F_{0.67})_6$
$Ti_2O_{0.59}$
Li_2UI_6
$LiCaAlF_6$
Cr_2S_3
Na_3CrCl_6
Na_2GeTeO_6
$AgInP_2S_6$
$TlSbO_3$
$MoNiP_8$
Li_2UBr_6 (1)
$Cr_4Fe_{0.5}S_6$
Cr_5S_6
$Ag_{0.35}TiS_2$
Na_3InCl_6
$Mn_3Si_2Te_6$
$CuInP_2Se_6$
$TiNi_{0.40}S_2$
$Na_2Al_2[BO_3]_2O$
$Na_2Ga_2[BO_3]_2O$
Cu_2HfS_3
Tl_3SiF_7
$Ag[ClO_4][NH_3]_{3.5}$

(*continued*)

DOI: 10.1007/978-3-540-44752-8_2
© Springer 2008

Index of structures, space groups (166) *R*-3m – (160) *R*3m

$KAg[CN]_2$
Si_2Te_3
$CuLaO_{2.66}$
$Cs(Re_{0.67}Os_{0.33})_3Se_4Cl_3$
CsW_3Br_7
$Na_4Mg[SCN]_6$
$CsMo_3Br_7$
$Li_8MnN_{3.67}$
$CsLuNb_6Cl_{18}$
$Cs_2LaTa_6Br_{15}O_3$
$CsLaZr_6FeCl_{18}$
$KMo_{12}S_{14}$
$K_{2.3}Mo_{12}S_{14}$
$Hf[MoO_4]_2$
$Zr[MoO_4]_2$
$Ge_3Si_2[PO_4]_6O$
$RbMo_3Si_2P_{5.8}O_{25}$
$CsTi_2Nb_3Cl_9O_3$
$NaGa[TeO_3]_2[H_2O]_{2.4}$
$BaNb_7[PO_4]_6O_9$
$Fe_3(Fe_{0.1}Al_{0.9})[SO_4]_6[H_2O]_{18}$
$H_{4.4}Al_{23.5}Si_{4.9}P_{19.5}O_{96}$
$[H_3O]_{3.16}K_4Na_{2.84}Fe_6[SO_4]_{12}O_2[H_2O]_{13}$
$Al[PO_4][H_2O]_{0.5}$
$Li_{34}(Zn_{0.11}Ga_{0.89})_{74.5}$
$Li_{29}Cd_8Ga_{64}$
BiI_3
$Li_2Pt[OH]_6$
Fe_2N
$PbSb_2O_6$
Hg_3NbF_6
$InSiTe_3$
$HgAsO_3$
U_3O_8
W_2C
$Si_6P_{2.5}$
UTa_2O_8
$Li_{0.5}(Li_{0.5}Fe_{0.5})PS_3$
$H_3Co[CN]_6$
$Na_{1.9}(Mg_{0.95}Al_{0.05})_2Si_2O_7$
$Rb_2In_4O_7$
$Ag_5Pb_2O_6$
$Li_{0.83}(Li_{0.83}Mg_{0.17})PS_3$
$BaCaFe_4O_8$
$(Mg_{0.11}Cu_{0.89})_2(Mg_{0.54}Fe_{0.46})[TeO_6][H_2O]_6$
$Ag_3Co[CN]_6$

(*continued*)

DOI: 10.1007/978-3-540-44752-8_2
© Springer 2008

Index of structures, space groups (166) *R*-3m – (160) *R*3m

(*continued*)

DOI: 10.1007/978-3-540-44752-8_2
© Springer 2008

Index of structures, space groups (166) *R*-3m – (160) *R*3m

$Cs_3Yb[SO_4]_3$
$GdB_6O_9[OH]_3$
$Na_3Li[MoO_4]_2[H_2O]_6$
$(Ca_{0.25}Pb_{0.75})ZrO_3$
$LaV_3[TeO_6]O_6[H_2O]_3$
$NaSn_4[PO_4]_3$
$Ga_3Bi_5Cl_{12}$
$H_3[PO_4]C_6N_7[NH_2]_3$
$Na_4Zr_2[SiO_4]_3$
BaB_2O_4
Pd_8Sb_3
$(Mg_{0.2}Fe_{0.8})_3B_7ClO_{13}$
$LiBaB_9O_{15}$
$Si_{19}Te_8$
$In_3[C_2O_4]_3[OH]_3[H_2O]_4$
$Hg_9[AsO_4]_4$
$Na_3Zn_4[PO_4]_3O[H_2O]_6$
$K_5(Mg_{0.25}Zr_{0.75})_2[MoO_4]_6$
$H_4IrSb_3F_{22}[CO]_6$
$Cs_2Cr_3O_{10}$
$HCa_9Mg[PO_4]_7$
$Ca_9Fe[PO_4]_7$
Ti_2SCl_{12}
$H_3(Na_{0.05}Ca_{0.95})_6[AsO_4]_4[(P_{0.7}S_{0.3})O_4][H_2O]_{15}$
$KCa_{10}[VO_4]_7$
$Ca_3[AsO_4]_2$
$LiCa_9Co[PO_4]_7$
$Ca_{9.5}(Mg_{0.8}Fe_{0.2})[PO_4]_7$
$LiCa_{10}[PO_4]_7$
$LiCa_9Mg[PO_4]_7$
$Ca_9Cu_{1.5}[PO_4]_7$
$CdHg_3[SCN]_6Cl_2$
$H_4(Ca_{0.22}La_{0.51}Ce_{0.27})_9(Ca_{0.3}Mg_{0.3}Fe_{0.4})[SiO_4]_7[OH]_3$
$H(Ca_{0.1}Ce_{0.9})_9(Mg_{0.7}Fe_{0.3})[SiO_4]_7[OH]_3$
$H_{0.8}Ca_{9.1}(Mg_{0.6}Fe_{0.4})[PO_4]_7$
$HCa_9Fe[PO_4]_7$
$Be_4Co_2[CO_3]_6O[NH_3]_{12}[H_2O]_{10}$
$Cu_6La_4[MoO_4]_9$
$HK_3Am_3[IO_3]_{13}$
$Ba_3Mn_6Ge_4Se_{17}[H_2O]_{30}$
$Ag_4As_4S_9[NSO]_{18}F_{24}[SO_2]$
$K_{12}Na_7Cu_9W_{24}Si_3[N_3]_4O_{93}[OH]_3[H_2O]_{30}$
$H_4V_{14}As_8O_{42}[H_2O]_7$

Space group (160) *R*3*m*

$[H_3O]Cl$
BiO

(*continued*)

DOI: 10.1007/978-3-540-44752-8_2
© Springer 2008

Index of structures, space groups (166) *R*-3m – (160) *R*3m

(*continued*)

DOI: 10.1007/978-3-540-44752-8_2
© Springer 2008

Index of structures, space groups (166) *R*-3m – (160) *R*3m

(*continued*)

DOI: 10.1007/978-3-540-44752-8_2
© Springer 2008

Index of structures, space groups (166) *R*-3m – (160) *R*3m

(*continued*)

DOI: 10.1007/978-3-540-44752-8_2
© Springer 2008

Index of structures, space groups (166) *R*-3m – (160) *R*3m

DOI: 10.1007/978-3-540-44752-8_2
© Springer 2008

http://www.springer.com/978-3-540-44749-8

Space groups (166) R-3m – (160) R3m
Villars, P.
2008, XIV, 551 p. 83 illus., Hardcover
ISBN: 978-3-540-44749-8