

III Alphabetical index of substances

This index lists all substances contained in subvolumes III/36B1 and B2 (523 compounds). It consists of two parts: part IIIA is for pure compounds and part IIIB is for solid solutions.

IIIA: In the 1st column the substances are ordered according to the alphabetically arranged gross formulae. Whenever their names (e.g. KDP) are widely used, they are also listed in this column. In the gross formulae the numbers of the elements are determined by simple addition.

Crystals in which H is replaced by D (e.g. KD_2PO_4) are listed separately, though data on their properties are presented in the same section as the data on the non-deuterated crystals (e.g. KH_2PO_4).

IIIB: In the 1st column the gross formula of each end material of a solid solution (e.g. KH_2PO_4 or $\text{NH}_4\text{H}_2\text{PO}_4$ for the solid solution $\text{KH}_2\text{PO}_4\text{-NH}_4\text{H}_2\text{PO}_4$) is listed in the same manner as in the case of pure compounds. Thus the solid solution $\text{KH}_2\text{PO}_4\text{-NH}_4\text{H}_2\text{PO}_4$ can be found in the 2nd column by looking first for either $\text{H}_2\text{KO}_4\text{P}$ or $\text{H}_6\text{NO}_4\text{P}$ in the 1st column. If the solid solution is expressed by the formula such as $\text{Ge}_{1-x}\text{Sn}_x\text{Te}$, the end material can be obtained by putting x equal to either 0 or 1. Whenever solid solutions have abbreviated names (e.g. RADP), these are also listed in the 1st column.

The 3rd column gives the section numbers, and the 4th column gives the first page of each section, italic page numbers denote substances in III/36B1, roman numbers refer to III/36B2.

IIIA Pure compounds

Gross formula	Chemical formula	No.
ACS	$(\text{NH}_4)_2\text{Cd}_2(\text{SO}_4)_3$	43A-13
ADA	$\text{NH}_4\text{H}_2\text{AsO}_4$	33A-11
ADP	$\text{NH}_4\text{H}_2\text{PO}_4$	33A-05
Ag_3AsS_3	Ag_3AsS_3	23A-01
$\text{Ag}_2\text{D}_3\text{IO}_6$	$\text{Ag}_2\text{D}_3\text{IO}_6$	M26-i
AgGeO_5Sb	AgSbOGeO_4	35A-18
$\text{Ag}_2\text{H}_3\text{IO}_6$	$\text{Ag}_2\text{H}_3\text{IO}_6$	M26-i
AgN_2NaO_4	$\text{AgNa}(\text{NO}_2)_2$	28A-02
AgO_5PTi	AgTiOPO_4	35A-10, 35B-01
AgO_5SbSi	AgSbOSiO_4	35A-03
$\text{Ag}_3\text{S}_3\text{Sb}$	Ag_3SbS_3	23A-02
$\text{AlCD}_{18}\text{N}_3\text{O}_{14}\text{S}_2$	$\text{C}(\text{ND}_2)_3\text{Al}(\text{SO}_4)_2 \cdot 6\text{D}_2\text{O}$	46A-01
$\text{AlCD}_{30}\text{NO}_{20}\text{S}_2$	$\text{CD}_3\text{ND}_3\text{Al}(\text{SO}_4)_2 \cdot 12\text{D}_2\text{O}$	45A-06
$\text{AlC}_2\text{D}_{20}\text{NO}_{14}\text{S}_2$	$(\text{CD}_3)_2\text{ND}_2\text{Al}(\text{SO}_4)_2 \cdot 6\text{D}_2\text{O}$	46A-08
$\text{AlCD}_{18}\text{N}_3\text{O}_{14}\text{Se}_2$	$\text{C}(\text{ND}_2)_3\text{Al}(\text{SeO}_4)_2 \cdot 6\text{D}_2\text{O}$	46A-05
$\text{AlCH}_6\text{NO}_8\text{S}_2 \cdot 12\text{H}_2\text{O}$	$\text{CH}_3\text{NH}_3\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-06

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Gross formula	Chemical formula	No.
$\text{AlCH}_6\text{N}_3\text{O}_8\text{S}_2 \cdot 6\text{H}_2\text{O}$	$\text{C}(\text{NH}_2)_3\text{Al}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	46A-01
$\text{AlCH}_{18}\text{N}_3\text{O}_{14}\text{S}_2$	$\text{C}(\text{NH}_2)_3\text{Al}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	46A-01
$\text{AlCH}_{30}\text{NO}_{20}\text{S}_2$	$\text{CH}_3\text{NH}_3\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-06
$\text{AlC}_2\text{H}_8\text{NO}_8\text{S}_2 \cdot 6\text{H}_2\text{O}$	$(\text{CH}_3)_2\text{NH}_2\text{Al}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	46A-08
$\text{AlC}_2\text{H}_{20}\text{NO}_{14}\text{S}_2$	$(\text{CH}_3)_2\text{NH}_2\text{Al}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	46A-08
$\text{AlCH}_6\text{N}_3\text{O}_8\text{Se}_2 \cdot 6\text{H}_2\text{O}$	$\text{C}(\text{NH}_2)_3\text{Al}(\text{SeO}_4)_2 \cdot 6\text{H}_2\text{O}$	46A-05
$\text{AlCH}_{18}\text{N}_3\text{O}_{14}\text{Se}_2$	$\text{C}(\text{NH}_2)_3\text{Al}(\text{SeO}_4)_2 \cdot 6\text{H}_2\text{O}$	46A-05
$\text{AlCH}_6\text{NO}_8\text{Se}_2 \cdot 12\text{H}_2\text{O}$	$\text{CH}_3\text{NH}_3\text{Al}(\text{SeO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-12
$\text{AlCH}_{30}\text{NO}_{20}\text{Se}_2$	$\text{CH}_3\text{NH}_3\text{Al}(\text{SeO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-12
$\text{AlD}_4\text{NO}_8\text{S}_2 \cdot 12\text{D}_2\text{O}$	$\text{ND}_4\text{Al}(\text{SO}_4)_2 \cdot 12\text{D}_2\text{O}$	45A-01
$\text{AlD}_{28}\text{NO}_{20}\text{S}_2$	$\text{ND}_4\text{Al}(\text{SO}_4)_2 \cdot 12\text{D}_2\text{O}$	45A-01
$\text{AlH}_4\text{NO}_8\text{S}_2 \cdot 12\text{H}_2\text{O}$	$\text{NH}_4\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-01
$\text{AlH}_5\text{N}_2\text{O}_8\text{S}_2 \cdot 12\text{H}_2\text{O}$	$\text{N}_2\text{H}_5\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-15
$\text{AlH}_{28}\text{NO}_{20}\text{S}_2$	$\text{NH}_4\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-01
$\text{AlH}_{29}\text{N}_2\text{O}_{20}\text{S}_2$	$\text{N}_2\text{H}_5\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-15
$\text{AsC}_2\text{H}_{10}\text{NO}_4$	$(\text{CH}_3)_2\text{NH}_2\text{H}_2\text{AsO}_4$	33A-12
AsCsD_2O_4	CsD_2AsO_4	33A-09
AsCsH_2O_4	CsH_2AsO_4	33A-09
AsCsO_5Ti	CsTiOAsO_4	35A-22
AsD_2KO_4	KD_2AsO_4	33A-07
AsD_6NO_4	$\text{ND}_4\text{D}_2\text{AsO}_4$	33A-11
AsDO_4Pb	PbDAsO_4	34A-02
$\text{AsD}_2\text{O}_4\text{Rb}$	RbD_2AsO_4	33A-08
$\text{AsD}_2\text{O}_4\text{Tl}$	TlD_2AsO_4	33A-10
$\text{As}_2\text{D}_2\text{O}_{12}\text{U}_2 \cdot 8\text{D}_2\text{O}$	$\text{D}_2(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 8\text{D}_2\text{O}$	M23
$\text{As}_2\text{D}_{18}\text{O}_{20}\text{U}_2$	$\text{D}_2(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 8\text{D}_2\text{O}$	M23
AsH_2KO_4	KH_2AsO_4	33A-07
AsH_6NO_4	$\text{NH}_4\text{H}_2\text{AsO}_4$	33A-11
AsHO_4Pb	PbHAsO_4	34A-02
$\text{AsH}_2\text{O}_4\text{Rb}$	RbH_2AsO_4	33A-08
$\text{AsH}_2\text{O}_4\text{Tl}$	TlH_2AsO_4	33A-10
$\text{As}_2\text{H}_2\text{O}_{12}\text{U}_2 \cdot 8\text{H}_2\text{O}$	$\text{H}_2(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$	M23
$\text{As}_2\text{H}_{18}\text{O}_{20}\text{U}_2$	$\text{H}_2(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$	M23

IIIA Pure compounds

Gross formula	Chemical formula	No.
AsKO ₅ Ti	KTiOAsO ₄	35A-20, 35B-01
AsO ₅ RbTi	RbTiOAsO ₄	35A-21
AsO ₅ TiTl	TlTiOAsO ₄	35A-23
B ₆ Ca ₂ H ₁₀ O ₁₆	Ca ₂ B ₆ O ₁₁ ·5H ₂ O	47A-01
B ₆ Ca ₂ O ₁₁ ·5H ₂ O	Ca ₂ B ₆ O ₁₁ ·5H ₂ O	47A-01
BaCoF ₄	BaCoF ₄	26A-04
BaF ₄ Fe	BaFeF ₄	26A-03
BaF ₄ Mg	BaMgF ₄	26A-01
BaF ₄ Mn	BaMnF ₄	26A-02
BaF ₄ Ni	BaNiF ₄	26A-05
BaF ₄ Zn	BaZnF ₄	26A-06
BeD ₈ F ₄ N ₂	(ND ₄) ₂ BeF ₄	39A-03
BeF ₄ H ₅ LiN ₂	Li(N ₂ H ₅)BeF ₄	M24-ii
BeF ₄ H ₈ N ₂	(NH ₄) ₂ BeF ₄	39A-03
Be ₃ F ₁₂ K ₂ Mn ₂	K ₂ Mn ₂ (BeF ₄) ₃	43A-16
BeO ₄ PTl	TlBePO ₄	36A-05
BiBrS	BiSBr	20A-04
BiBrSe	BiSeBr	20A-06
BiCl ₈ F ₄ H ₃ K ₆	K ₃ BiCl ₆ ·2KCl·KH ₃ F ₄	49A-01
BiClS	BiSCl	20A-01
BiClSe	BiSeCl	20A-02
BiIS	BiSI	20A-08
BiISe	BiSeI	20A-10
Br ₄ C ₈ CuD ₂₄ N ₂	[N(CD ₃) ₄] ₂ CuBr ₄	39A-15
Br ₄ C ₈ CuH ₂₄ N ₂	[N(CH ₃) ₄] ₂ CuBr ₄	39A-15
Br ₄ CoK ₂	K ₂ CoBr ₄	39A-13
Br ₄ CoRb ₂	Rb ₂ CoBr ₄	39A-14
BrD	DBr	27A-02
Br ₃ FeRb	RbFeBr ₃	25A-02
BrH	HBr	27A-02
Br ₄ H ₈ N ₂ Zn	(NH ₄) ₂ ZnBr ₄	39A-18
Br ₄ K ₂ Zn	K ₂ ZnBr ₄	39A-16

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Gross formula	Chemical formula	No.
Br_3MnRb	RbMnBr_3	25A-03
$\text{Br}_4\text{Rb}_2\text{Zn}$	Rb_2ZnBr_4	39A-17
BrSSb	SbSBr	20A-03
BrSbSe	SbSeBr	20A-05
$\text{C}_8\text{Cl}_4\text{CoD}_{24}\text{N}_2$	$[\text{N}(\text{CD}_3)_4]_2\text{CoCl}_4$	39A-08
$\text{C}_8\text{Cl}_4\text{CoH}_{24}\text{N}_2$	$[\text{N}(\text{CH}_3)_4]_2\text{CoCl}_4$	39A-08
$\text{C}_8\text{Cl}_4\text{D}_{24}\text{FeN}_2$	$[\text{N}(\text{CD}_3)_4]_2\text{FeCl}_4$	39A-05
$\text{C}_8\text{Cl}_4\text{D}_{24}\text{MnN}_2$	$[\text{N}(\text{CD}_3)_4]_2\text{MnCl}_4$	39A-04
$\text{C}_8\text{Cl}_4\text{D}_{24}\text{N}_2\text{Zn}$	$[\text{N}(\text{CD}_3)_4]_2\text{ZnCl}_4$	39A-12
$\text{C}_8\text{Cl}_4\text{FeH}_{24}\text{N}_2$	$[\text{N}(\text{CH}_3)_4]_2\text{FeCl}_4$	39A-05
$\text{C}_8\text{Cl}_4\text{H}_{24}\text{MnN}_2$	$[\text{N}(\text{CH}_3)_4]_2\text{MnCl}_4$	39A-04
$\text{C}_8\text{Cl}_4\text{H}_{24}\text{N}_2\text{Zn}$	$[\text{N}(\text{CH}_3)_4]_2\text{ZnCl}_4$	39A-12
$\text{CCrD}_{18}\text{N}_3\text{O}_{14}\text{S}_2$	$\text{C}(\text{ND}_2)_3\text{Cr}(\text{SO}_4)_2 \cdot 6\text{D}_2\text{O}$	46A-03
$\text{CCrD}_{18}\text{N}_3\text{O}_{14}\text{Se}_2$	$\text{C}(\text{ND}_2)_3\text{Cr}(\text{SeO}_4)_2 \cdot 6\text{D}_2\text{O}$	46A-06
$\text{CCrH}_3\text{N}_2\text{O}_9\text{S}_2 \cdot 12\text{H}_2\text{O}$	$\text{CO}(\text{NH}_2)_2\text{HCr}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-16
$\text{CCrH}_6\text{NO}_8\text{S}_2 \cdot 12\text{H}_2\text{O}$	$\text{CH}_3\text{NH}_3\text{Cr}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-08
$\text{CCrH}_6\text{N}_3\text{O}_8\text{S}_2 \cdot 6\text{H}_2\text{O}$	$\text{C}(\text{NH}_2)_3\text{Cr}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	46A-03
$\text{CCrH}_{18}\text{N}_3\text{O}_{14}\text{S}_2$	$\text{C}(\text{NH}_2)_3\text{Cr}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	46A-03
$\text{CCrH}_{29}\text{N}_2\text{O}_{21}\text{S}_2$	$\text{CO}(\text{NH}_2)_2\text{HCr}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-16
$\text{CCrH}_{30}\text{NO}_{20}\text{S}_2$	$\text{CH}_3\text{NH}_3\text{Cr}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-08
$\text{CCrH}_6\text{NO}_8\text{Se}_2 \cdot 12\text{H}_2\text{O}$	$\text{CH}_3\text{NH}_3\text{Cr}(\text{SeO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-13
$\text{CCrH}_6\text{N}_3\text{O}_8\text{Se}_2 \cdot 6\text{H}_2\text{O}$	$\text{C}(\text{NH}_2)_3\text{Cr}(\text{SeO}_4)_2 \cdot 6\text{H}_2\text{O}$	46A-06
$\text{CCrH}_{18}\text{N}_3\text{O}_{14}\text{Se}_2$	$\text{C}(\text{NH}_2)_3\text{Cr}(\text{SeO}_4)_2 \cdot 6\text{H}_2\text{O}$	46A-06
$\text{CCrH}_{30}\text{NO}_{20}\text{Se}_2$	$\text{CH}_3\text{NH}_3\text{Cr}(\text{SeO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-13
CDA	CsH_2AsO_4	33A-09
$\text{C}_6\text{D}_6\text{FeK}_4\text{N}_6\text{O}_3$	$\text{K}_4\text{Fe}(\text{CN})_6 \cdot 3\text{D}_2\text{O}$	48A-02
$\text{CD}_{18}\text{GaN}_3\text{O}_{14}\text{S}_2$	$\text{C}(\text{ND}_2)_3\text{Ga}(\text{SO}_4)_2 \cdot 6\text{D}_2\text{O}$	46A-04
$\text{C}_2\text{D}_{20}\text{GaNO}_{14}\text{S}_2$	$(\text{CD}_3)_2\text{ND}_2\text{Ga}(\text{SO}_4)_2 \cdot 6\text{D}_2\text{O}$	46A-09
$\text{CD}_{18}\text{GaN}_3\text{O}_{14}\text{Se}_2$	$\text{C}(\text{ND}_2)_3\text{Ga}(\text{SeO}_4)_2 \cdot 6\text{D}_2\text{O}$	46A-07
$\text{C}_6\text{D}_6\text{K}_4\text{N}_6\text{O}_3\text{Os}$	$\text{K}_4\text{Os}(\text{CN})_6 \cdot 3\text{D}_2\text{O}$	48A-04
$\text{C}_6\text{D}_6\text{K}_4\text{N}_6\text{O}_3\text{Ru}$	$\text{K}_4\text{Ru}(\text{CN})_6 \cdot 3\text{D}_2\text{O}$	48A-03
$\text{CD}_{18}\text{N}_3\text{O}_{14}\text{S}_2\text{V}$	$\text{C}(\text{ND}_2)_3\text{V}(\text{SO}_4)_2 \cdot 6\text{D}_2\text{O}$	46A-02

IIIA Pure compounds

Gross formula	Chemical formula	No.
CDP	CsH ₂ PO ₄	33A-03
C ₆ FeH ₆ K ₄ N ₆ O ₃	K ₄ Fe(CN) ₆ ·3H ₂ O	48A-02
CFeH ₆ NO ₈ S ₂ ·12H ₂ O	CH ₃ NH ₃ Fe(SO ₄) ₂ ·12H ₂ O	45A-09
CFeH ₃₀ NO ₂₀ S ₂	CH ₃ NH ₃ Fe(SO ₄) ₂ ·12H ₂ O	45A-09
C ₆ FeK ₄ N ₆ ·3H ₂ O	K ₄ Fe(CN) ₆ ·3H ₂ O	48A-02
CGaH ₆ NO ₈ S ₂ ·12H ₂ O	CH ₃ NH ₃ Ga(SO ₄) ₂ ·12H ₂ O	45A-10
CGaH ₆ N ₃ O ₈ S ₂ ·6H ₂ O	C(NH ₂) ₃ Ga(SO ₄) ₂ ·6H ₂ O	46A-04
CGaH ₁₈ N ₃ O ₁₄ S ₂	C(NH ₂) ₃ Ga(SO ₄) ₂ ·6H ₂ O	46A-04
CGaH ₃₀ NO ₂₀ S ₂	CH ₃ NH ₃ Ga(SO ₄) ₂ ·12H ₂ O	45A-10
C ₂ GaH ₈ NO ₈ S ₂ ·6H ₂ O	(CH ₃) ₂ NH ₂ Ga(SO ₄) ₂ ·6H ₂ O	46A-09
C ₂ GaH ₂₀ NO ₁₄ S ₂	(CH ₃) ₂ NH ₂ Ga(SO ₄) ₂ ·6H ₂ O	46A-09
CGaH ₆ N ₃ O ₈ Se ₂ ·6H ₂ O	C(NH ₂) ₃ Ga(SeO ₄) ₂ ·6H ₂ O	46A-07
CGaH ₆ NO ₈ Se ₂ ·12H ₂ O	CH ₃ NH ₃ Ga(SeO ₄) ₂ ·12H ₂ O	45A-14
CGaH ₁₈ N ₃ O ₁₄ Se ₂	C(NH ₂) ₃ Ga(SeO ₄) ₂ ·6H ₂ O	46A-07
CGaH ₃₀ NO ₂₀ Se ₂	CH ₃ NH ₃ Ga(SeO ₄) ₂ ·12H ₂ O	45A-14
C ₈ H ₂₄ I ₄ N ₂ Zn	[N(CH ₃) ₄] ₂ ZnI ₄	39A-22
CH ₆ InNO ₈ S ₂ ·12H ₂ O	CH ₃ NH ₃ In(SO ₄) ₂ ·12H ₂ O	45A-11
CH ₃₀ InNO ₂₀ S ₂	CH ₃ NH ₃ In(SO ₄) ₂ ·12H ₂ O	45A-11
C ₆ H ₆ K ₄ MnN ₆ O ₃	K ₄ Mn(CN) ₆ ·3H ₂ O	48A-01
C ₆ H ₆ K ₄ N ₆ O ₃ Os	K ₄ Os(CN) ₆ ·3H ₂ O	48A-04
C ₆ H ₆ K ₄ N ₆ O ₃ Ru	K ₄ Ru(CN) ₆ ·3H ₂ O	48A-03
C ₂ H ₁₀ NO ₄ P	(CH ₃) ₂ NH ₂ H ₂ PO ₄	33A-06
C ₄ H ₁₃ NO ₄ S	N(CH ₃) ₄ HSO ₄	40A-06
C ₄ H ₁₃ NO ₄ S·H ₂ O	N(CH ₃) ₄ HSO ₄ ·H ₂ O	M25
C ₄ H ₁₅ NO ₅ S	N(CH ₃) ₄ HSO ₄ ·H ₂ O	M25
CH ₆ NO ₈ S ₂ V·12H ₂ O	CH ₃ NH ₃ V(SO ₄) ₂ ·12H ₂ O	45A-07
CH ₆ N ₃ O ₈ S ₂ V·6H ₂ O	C(NH ₂) ₃ V(SO ₄) ₂ ·6H ₂ O	46A-02
CH ₁₈ N ₃ O ₁₄ S ₂ V	C(NH ₂) ₃ V(SO ₄) ₂ ·6H ₂ O	46A-02
CH ₃₀ NO ₂₀ S ₂ V	CH ₃ NH ₃ V(SO ₄) ₂ ·12H ₂ O	45A-07
C ₆ K ₄ MnN ₆ ·3H ₂ O	K ₄ Mn(CN) ₆ ·3H ₂ O	48A-01
C ₆ K ₄ N ₆ Os·3H ₂ O	K ₄ Os(CN) ₆ ·3H ₂ O	48A-04
C ₆ K ₄ N ₆ Ru·3H ₂ O	K ₄ Ru(CN) ₆ ·3H ₂ O	48A-03
CKNS	KSCN	M21

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Gross formula	Chemical formula	No.
CTA	CsTiOAsO ₄	35A-22
Ca ₂ H ₈ N ₂ O ₁₂ S ₃	(NH ₄) ₂ Ca ₂ (SO ₄) ₃	43A-06
Ca ₂ K ₂ O ₁₂ S ₃	K ₂ Ca ₂ (SO ₄) ₃	43A-04
Ca ₂ O ₁₂ Rb ₂ S ₃	Rb ₂ Ca ₂ (SO ₄) ₃	43A-05
CdCsN ₃ O ₆	CsCd(NO ₂) ₃	29A-02
Cd ₂ D ₈ N ₂ O ₁₂ S ₃	(ND ₄) ₂ Cd ₂ (SO ₄) ₃	43A-13
Cd ₂ H ₈ N ₂ O ₁₂ S ₃	(NH ₄) ₂ Cd ₂ (SO ₄) ₃	43A-13
Cd ₂ K ₂ O ₁₂ S ₃	K ₂ Cd ₂ (SO ₄) ₃	43A-12
CdN ₃ O ₆ Rb	RbCd(NO ₂) ₃	29A-01
CdNaO ₄ P	NaCdPO ₄	36A-03
Cd ₂ O ₁₂ Rb ₂ S ₃	Rb ₂ Cd ₂ (SO ₄) ₃	43A-14
Cd ₂ O ₁₂ S ₃ Tl ₂	Tl ₂ Cd ₂ (SO ₄) ₃	43A-15
Cl ₄ CoK ₂	K ₂ CoCl ₄	39A-06
Cl ₄ CoRb ₂	Rb ₂ CoCl ₄	39A-07
ClD	DCl	27A-01
Cl ₄ D ₈ N ₂ Zn	(ND ₄) ₂ ZnCl ₄	39A-11
ClH	HCl	27A-01
Cl ₄ H ₈ N ₂ Zn	(NH ₄) ₂ ZnCl ₄	39A-11
Cl ₃ KNi	KNiCl ₃	25A-01
Cl ₄ K ₂ Zn	K ₂ ZnCl ₄	39A-09
Cl ₄ Rb ₂ Zn	Rb ₂ ZnCl ₄	39A-10
CoCsO ₄ P ₄	CsCoPO ₄	36A-01
CoI ₄ K ₂	K ₂ CoI ₄	39A-19
Co ₂ K ₂ O ₁₂ S ₃	K ₂ Co ₂ (SO ₄) ₃	43A-10
Colemanite	Ca ₂ B ₆ O ₁₁ ·5H ₂ O	47A-01
CrH ₄ NO ₈ S ₂ ·12H ₂ O	NH ₄ Cr(SO ₄) ₂ ·12H ₂ O	45A-03
CrH ₂₈ NO ₂₀ S ₂	NH ₄ Cr(SO ₄) ₂ ·12H ₂ O	45A-03
CsDO	CsOD	M20-iv
CsD ₂ O ₄ P	CsD ₂ PO ₄	33A-03
CsDO ₄ S	CsDSO ₄	40A-03
CsD ₃ O ₆ Se ₂	CsD ₃ (SeO ₃) ₂	31A-05
CsHO	CsOH	M20-iv
CsH ₂ O ₄ P	CsH ₂ PO ₄	33A-03

IIIA Pure compounds

Gross formula	Chemical formula	No.
CsHO ₄ S	CsHSO ₄	40A-03
CsHO ₄ Se	CsHSeO ₄	40A-08
CsH ₃ O ₆ Se ₂	CsH ₃ (SeO ₃) ₂	31A-05
CsLiMoO ₄	CsLiMoO ₄	41A-08
CsLiO ₄ S	CsLiSO ₄	41A-04
CsLiO ₄ W	CsLiWO ₄	41A-09
CsNO ₃	CsNO ₃	30A-04
CsO ₄ RbSe	CsRbSeO ₄	41A-06
D ₈ F ₇ N ₂ P	ND ₄ PF ₆ ·ND ₄ F	M28
D ₂₈ FeNO ₂₀ S ₂	ND ₄ Fe(SO ₄) ₂ ·12D ₂ O	45A-04
D ₄ H ₄ NNaO ₆ S	NaNd ₄ SO ₄ ·2H ₂ O	44A-01
D ₄ H ₄ NNaO ₆ Se	NaNd ₄ SeO ₄ ·2H ₂ O	44A-02
D ₁₁ IN ₂ O ₆	(ND ₄) ₂ D ₃ IO ₆	M26-ii
DKO	KOD	M20-ii
D ₂ KO ₄ P	KD ₂ PO ₄	33A-01
D ₃ KO ₆ Se ₂	KD ₃ (SeO ₃) ₂	31A-03
D ₄ LiNO ₄ S	ND ₄ LiSO ₄	41A-05
D ₅ LiN ₂ O ₄ S	Li(N ₂ D ₅)SO ₄	M24-i
D ₃ LiO ₆ Se ₂	LiD ₃ (SeO ₃) ₂	31A-01
D ₄ NNaO ₄ S·2D ₂ O	NaNd ₄ SO ₄ ·2D ₂ O	44A-01
D ₄ NNaO ₄ S·2H ₂ O	NaNd ₄ SO ₄ ·2H ₂ O	44A-01
D ₈ NNaO ₆ S	NaNd ₄ SO ₄ ·2D ₂ O	44A-01
D ₄ NNaO ₄ Se·2D ₂ O	NaNd ₄ SeO ₄ ·2D ₂ O	44A-02
D ₄ NNaO ₄ Se·2H ₂ O	NaNd ₄ SeO ₄ ·2H ₂ O	44A-02
D ₈ NNaO ₆ Se	NaNd ₄ SeO ₄ ·2D ₂ O	44A-02
D ₆ NO ₄ P	ND ₄ D ₂ PO ₄	33A-05
D ₂₇ N ₄ O ₁₈ P ₃ Te	Te(OD) ₆ ·2ND ₄ D ₂ PO ₄ ·(ND ₄) ₂ DPO ₄	38A-01
D ₅ NO ₄ S	ND ₄ DSO ₄	40A-05
D ₈ N ₂ O ₄ S	(ND ₄) ₂ SO ₄	39A-01
D ₁₃ N ₃ O ₈ S ₂	(ND ₄) ₃ D(SO ₄) ₂	42A-01
D ₅ NO ₄ Se	ND ₄ DSeO ₄	40A-09
D ₇ NO ₆ Se ₂	ND ₄ D ₃ (SeO ₃) ₂	31A-07

III Alphabetical index of substances

Gross formula	Chemical formula	No.
$D_{13}N_3O_8Se_2$	$(ND_4)_3D(SeO_4)_2$	42A-02
$DNaO$	$NaOD$	M20-i
$D_3NaO_6Se_2$	$NaD_3(SeO_3)_2$	31A-02
D_2O	D_2O	M19
DO_4PPb	$PbDPO_4$	34A-01
D_2O_4PRb	RbD_2PO_4	33A-02
D_2O_4PTl	TlD_2PO_4	33A-04
$DORb$	$RbOD$	M20-iii
DO_4RbS	$RbDSO_4$	40A-02
DO_4RbSe	$RbDSeO_4$	40A-07
$D_3O_6RbSe_2$	$RbD_3(SeO_3)_2$	31A-04
$D_3O_6Se_2Tl$	$TlD_3(SeO_3)_2$	31A-06
$F_7H_8N_2P$	$NH_4PF_6 \cdot NH_4F$	M28
$FeH_4NO_8S_2 \cdot 12H_2O$	$NH_4Fe(SO_4)_2 \cdot 12H_2O$	45A-04
$FeH_{28}NO_{20}S_2$	$NH_4Fe(SO_4)_2 \cdot 12H_2O$	45A-04
$Fe_2K_2O_{12}S_3$	$K_2Fe_2(SO_4)_3$	43A-09
GASH	$C(NH_2)_3Al(SO_4)_2 \cdot 6H_2O$	46A-01
GASeH	$C(NH_2)_3Al(SeO_4)_2 \cdot 6H_2O$	46A-05
GCrSH	$C(NH_2)_3Cr(SO_4)_2 \cdot 6H_2O$	46A-03
GCrSeH	$C(NH_2)_3Cr(SeO_4)_2 \cdot 6H_2O$	46A-06
GGaSH	$C(NH_2)_3Ga(SO_4)_2 \cdot 6H_2O$	46A-04
GGaSeH	$C(NH_2)_3Ga(SeO_4)_2 \cdot 6H_2O$	46A-07
GVSH	$C(NH_2)_3V(SO_4)_2 \cdot 6H_2O$	46A-02
GaS_2Tl	$TlGaS_2$	22A-01
$GaSe_2Tl$	$TlGaSe_2$	22A-03
$GeKO_5P$	$KGeOPO_4$	35A-08
$GeKO_5Sb$	$KSbOGeO_4$	35A-15
$GeKO_5Ta$	$KTaOGeO_4$	35A-17
$GeNaO_5Sb$	$NaSbOGeO_4$	35A-14
GeO_5RbSb	$RbSbOGeO_4$	35A-16
GeO_5SbTl	$TlSbOGeO_4$	35A-19
$GeTe$	$GeTe$	M15-i

IIIA Pure compounds

Gross formula	Chemical formula	No.
HI_2KO_6	$\text{KIO}_3 \cdot \text{HIO}_3$	32A-03
H_4INO_3	NH_4IO_3	32A-02
$\text{H}_{11}\text{IN}_2\text{O}_6$	$(\text{NH}_4)_2\text{H}_3\text{IO}_6$	M26-ii
$\text{H}_4\text{InNO}_8\text{S}_2 \cdot 12\text{H}_2\text{O}$	$\text{NH}_4\text{In}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-05
$\text{H}_{28}\text{InNO}_{20}\text{S}_2$	$\text{NH}_4\text{In}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-05
HKO	KOH	M20-ii
$\text{H}_2\text{KO}_4\text{P}$	KH_2PO_4	33A-01
HKO_4S	KHSO_4	40A-01
$\text{H}_3\text{KO}_6\text{Se}_2$	$\text{KH}_3(\text{SeO}_3)_2$	31A-03
$\text{H}_4\text{LiNO}_4\text{S}$	NH_4LiSO_4	41A-05
$\text{H}_5\text{LiN}_2\text{O}_4\text{S}$	$\text{Li}(\text{N}_2\text{H}_5)\text{SO}_4$	M24-i
$\text{H}_3\text{LiO}_6\text{Se}_2$	$\text{LiH}_3(\text{SeO}_3)_2$	31A-01
$\text{H}_8\text{Mg}_2\text{N}_2\text{O}_{12}\text{S}_3$	$(\text{NH}_4)_2\text{Mg}_2(\text{SO}_4)_3$	43A-01
$\text{H}_8\text{Mn}_2\text{N}_2\text{O}_{12}\text{S}_3$	$(\text{NH}_4)_2\text{Mn}_2(\text{SO}_4)_3$	43A-07
$\text{H}_4\text{NNaO}_4\text{S} \cdot 2\text{H}_2\text{O}$	$\text{NaNH}_4\text{SO}_4 \cdot 2\text{H}_2\text{O}$	44A-01
$\text{H}_8\text{NNaO}_6\text{S}$	$\text{NaNH}_4\text{SO}_4 \cdot 2\text{H}_2\text{O}$	44A-01
$\text{H}_4\text{NNaO}_4\text{Se} \cdot 2\text{H}_2\text{O}$	$\text{NaNH}_4\text{SeO}_4 \cdot 2\text{H}_2\text{O}$	44A-02
$\text{H}_8\text{NNaO}_6\text{Se}$	$\text{NaNH}_4\text{SeO}_4 \cdot 2\text{H}_2\text{O}$	44A-02
$\text{H}_6\text{NO}_4\text{P}$	$\text{NH}_4\text{H}_2\text{PO}_4$	33A-05
$\text{H}_{27}\text{N}_4\text{O}_{18}\text{P}_3\text{Te}$	$\text{Te}(\text{OH})_6 \cdot 2\text{NH}_4\text{H}_2\text{PO}_4 \cdot (\text{NH}_4)_2\text{HPO}_4$	38A-01
$\text{H}_4\text{NO}_5\text{PTi}$	$\text{NH}_4\text{TiOPO}_4$	35A-04, 35B-01
$\text{H}_5\text{NO}_4\text{S}$	NH_4HSO_4	40A-05
$\text{H}_8\text{N}_2\text{O}_4\text{S}$	$(\text{NH}_4)_2\text{SO}_4$	39A-01
$\text{H}_{13}\text{N}_3\text{O}_8\text{S}_2$	$(\text{NH}_4)_3\text{H}(\text{SO}_4)_2$	42A-01
$\text{H}_4\text{NO}_8\text{S}_2\text{V} \cdot 12\text{H}_2\text{O}$	$\text{NH}_4\text{V}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-02
$\text{H}_{28}\text{NO}_{20}\text{S}_2\text{V}$	$\text{NH}_4\text{V}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	45A-02
$\text{H}_5\text{NO}_4\text{Se}$	NH_4HSeO_4	40A-09
$\text{H}_7\text{NO}_6\text{Se}_2$	$\text{NH}_4\text{H}_3(\text{SeO}_3)_2$	31A-07
$\text{H}_{13}\text{N}_3\text{O}_8\text{Se}_2$	$(\text{NH}_4)_3\text{H}(\text{SeO}_4)_2$	42A-02
$\text{H}_3\text{NaO}_6\text{Se}_2$	$\text{NaH}_3(\text{SeO}_3)_2$	31A-02
$\text{H}_{2n}\text{NbO}_{6+n}\text{RbW}$	$\text{RbNbWO}_6 \cdot n\text{H}_2\text{O}$	M27-i
$\text{H}_{2n}\text{NbO}_{6+n}\text{TiW}$	$\text{TiNbWO}_6 \cdot n\text{H}_2\text{O}$	M27-ii

III Alphabetical index of substances

Gross formula	Chemical formula	No.
H ₂ O	H ₂ O	M19
HO ₄ PPb	PbHPO ₄	34A-01
H ₂ O ₄ PRb	RbH ₂ PO ₄	33A-02
H ₂ O ₄ PTl	TlH ₂ PO ₄	33A-04
HORb	RbOH	M20-iii
HO ₄ RbS	RbHSO ₄	40A-02
HO ₄ RbSe	RbHSeO ₄	40A-07
H ₃ O ₆ RbSe ₂	RbH ₃ (SeO ₃) ₂	31A-04
HO ₄ STl	TlHSO ₄	40A-04
H ₃ O ₆ Se ₂ Tl	TlH ₃ (SeO ₃) ₂	31A-06
Ice	H ₂ O	M19
KO ₃	KIO ₃	32A-01
I ₄ K ₂ Zn	K ₂ ZnI ₄	39A-20
IO ₇ Sb ₅	Sb ₅ O ₇ I	M18
ISSb	SbSI	20A-07
ISbSe	SbSeI	20A-09
ISbTe	SbTeI	20A-11
I ₄ Tl ₂ Zn	Tl ₂ ZnI ₄	39A-21
InS ₂ Tl	TlInS ₂	22A-02
InSe ₂ Tl	TlInSe ₂	22A-04
KDA	KH ₂ AsO ₄	33A-07
KDP	KH ₂ PO ₄	33A-01
KLiO ₄ S	KLiSO ₄	41A-02
K ₂ Mg ₂ O ₁₂ S ₃	K ₂ Mg ₂ (SO ₄) ₃	43A-02
K ₂ Mn ₂ O ₁₂ S ₃	K ₂ Mn ₂ (SO ₄) ₃	43A-08
KNO ₃	KNO ₃	30A-02
KO ₅ PSn	KSnOPO ₄	35A-11
KO ₅ PTi	KTiOPO ₄	35A-06, 35B-01
KO ₅ PV	KVOPO ₄	35A-07, 35B-01
K ₂ O ₁₂ S ₃ Zn ₂	K ₂ Zn ₂ (SO ₄) ₃	43A-11

IIIA Pure compounds

Gross formula	Chemical formula	No.
KO ₅ SbSi	KSbOSiO ₄	35A-02
K ₂ O ₄ Se	K ₂ SeO ₄	39A-02
KTA	KTiOAsO ₄	35A-20
KTP	KTiOPO ₄	35A-06, 35B-01
Lecontite	NaNH ₄ SO ₄ ·2H ₂ O	44A-01
LiMoO ₄ Rb	RbLiMoO ₄	41A-07
LiNaO ₄ S	NaLiSO ₄	41A-01
LiO ₄ RbS	RbLiSO ₄	41A-03
MASD	CH ₃ NH ₃ Al(SO ₄) ₂ ·12H ₂ O	45A-06
Mg ₂ O ₁₂ Rb ₂ S ₃	Rb ₂ Mg ₂ (SO ₄) ₃	43A-03
NNaO ₂	NaNO ₂	28A-01
NNaO ₃	NaNO ₃	30A-01
NO ₃ Rb	RbNO ₃	30A-03
N ₆ Pb	PbN ₆	M16
NaO ₄ PPb	NaPbPO ₄	36A-04
Na ₃ O ₁₂ P ₃ Sc ₂	Na ₃ Sc ₂ (PO ₄) ₃	M22
NaO ₄ PSr	NaSrPO ₄	36A-02
NaO ₁₂ P ₃ Th ₂	NaTh ₂ (PO ₄) ₃	37A-01
NaO ₅ PTi	NaTiOPO ₄	35A-05, 35B-01
NaO ₁₂ P ₃ U ₂	NaU ₂ (PO ₄) ₃	37A-02
NaO ₅ SbSi	NaSbOSiO ₄	35A-01
NbO ₆ RbW·nH ₂ O	RbNbWO ₆ ·nH ₂ O	M27-i
NbO ₆ TlW·nH ₂ O	TlNbWO ₆ ·nH ₂ O	M27-ii
O ₅ PRbSn	RbSnOPO ₄	35A-12
O ₅ PRbTi	RbTiOPO ₄	35A-09, 35B-01
O ₅ PTiTi	TiTiOPO ₄	35A-13, 35B-01

III Alphabetical index of substances

Gross formula	Chemical formula	No.
$P_2S_6Sn_2$	$Sn_2P_2S_6$	24A-01
$P_2Se_6Sn_2$	$Sn_2P_2Se_6$	24A-02
RDA	RbH_2AsO_4	33A-08
RDP	RbH_2PO_4	33A-02
RTA	$RbTiOAsO_4$	35A-21
RTP	$RbTiOPO_4$	35A-09
S_3Sb_2	Sb_2S_3	M17
STl	TlS	21A-01
$SbSe_2Tl$	$TlSbSe_2$	22A-05
SnTe	SnTe	M15-ii
TAAP	$Te(OH)_6 \cdot 2NH_4H_2PO_4 \cdot (NH_4)_2HPO_4$	38A-01
TDA	TlH_2AsO_4	33A-10
TDP	TlH_2PO_4	33A-04
TTA	$TlTiOAsO_4$	35A-23
TTP	$TlTiOPO_4$	35A-13, 35B-01

IIIB Solid solutions

Gross formula (end material)	Chemical formula	No.
Ag ₃ AsS ₃	Ag ₃ AsS ₃ -Ag ₃ SbS ₃	23B-01
AgGaS ₂	AgGaS ₂ -TlGaS ₂	22B-04
AgNO ₂	AgNO ₂ -NaNO ₂	28B-01
AgO ₅ PTi	(Ag,K)TiOPO ₄	35B-01
Ag ₃ S ₃ Sb	Ag ₃ SbS ₃ -Ag ₃ AsS ₃	23B-01
AlCH ₆ NO ₈ S ₂ ·12H ₂ O	CH ₃ NH ₃ Al(SO ₄) ₂ ·12H ₂ O-CH ₃ NH ₃ Al(SeO ₄) ₂ ·12H ₂ O	45B-02
AlCH ₃₀ NO ₂₀ S ₂	CH ₃ NH ₃ Al(SO ₄) ₂ ·12H ₂ O-CH ₃ NH ₃ Al(SeO ₄) ₂ ·12H ₂ O	45B-02
AlCH ₆ NO ₈ S ₂ ·12H ₂ O	CH ₃ NH ₃ Al(SO ₄) ₂ ·12H ₂ O-NH ₂ NH ₃ Al(SeO ₄) ₂ ·12H ₂ O	45B-01
AlCH ₃₀ NO ₂₀ S ₂	CH ₃ NH ₃ Al(SO ₄) ₂ ·12H ₂ O-NH ₂ NH ₃ Al(SeO ₄) ₂ ·12H ₂ O	45B-01
AlC ₂ H ₈ O ₈ S ₂ ·6H ₂ O	(CH ₃) ₂ NH ₂ Al(SO ₄) ₂ ·6H ₂ O-(CH ₃) ₂ NH ₂ Al(SeO ₄) ₂ ·6H ₂ O	46B-01
AlC ₂ H ₂₀ O ₁₄ S ₂	(CH ₃) ₂ NH ₂ Al(SO ₄) ₂ ·6H ₂ O-(CH ₃) ₂ NH ₂ Al(SeO ₄) ₂ ·6H ₂ O	46B-01
AlCH ₆ NO ₈ Se ₂ ·12H ₂ O	CH ₃ NH ₃ Al(SeO ₄) ₂ ·12H ₂ O-CH ₃ NH ₃ Al(SO ₄) ₂ ·12H ₂ O	45B-02
AlCH ₃₀ NO ₂₀ Se ₂	CH ₃ NH ₃ Al(SeO ₄) ₂ ·12H ₂ O-CH ₃ NH ₃ Al(SO ₄) ₂ ·12H ₂ O	45B-02
AlC ₂ H ₈ O ₈ Se ₂ ·6H ₂ O	(CH ₃) ₂ NH ₂ Al(SeO ₄) ₂ ·6H ₂ O-(CH ₃) ₂ NH ₂ Al(SO ₄) ₂ ·6H ₂ O	46B-01
AlC ₂ H ₂₀ O ₁₄ Se ₂	(CH ₃) ₂ NH ₂ Al(SeO ₄) ₂ ·6H ₂ O-(CH ₃) ₂ NH ₂ Al(SO ₄) ₂ ·6H ₂ O	46B-01
AlH ₅ N ₂ O ₈ Se ₂ ·12H ₂ O	NH ₂ NH ₃ Al(SeO ₄) ₂ ·12H ₂ O-CH ₃ NH ₃ Al(SO ₄) ₂ ·12H ₂ O	45B-01
AlH ₂₉ N ₂ O ₂₀ Se ₂	NH ₂ NH ₃ Al(SeO ₄) ₂ ·12H ₂ O-CH ₃ NH ₃ Al(SO ₄) ₂ ·12H ₂ O	45B-01
AsCsH ₂ O ₄	CsH ₂ AsO ₄ -NH ₄ H ₂ AsO ₄	33B-11
AsCsO ₅ Ti	CsTiOAsO ₄ -KTiOAsO ₄	35B-02
AsCsO ₅ Ti	CsTiOAsO ₄ -RbTiOAsO ₄	35B-02
AsH ₂ KO ₄	KH ₂ AsO ₄ -KH ₂ PO ₄	33B-02
AsH ₂ KO ₄	KH ₂ AsO ₄ -NH ₄ H ₂ AsO ₄	33B-09
AsH ₆ NO ₄	NH ₄ H ₂ AsO ₄ -CsH ₂ AsO ₄	33B-11
AsH ₆ NO ₄	NH ₄ H ₂ AsO ₄ -KH ₂ AsO ₄	33B-09
AsH ₆ NO ₄	NH ₄ H ₂ AsO ₄ -NH ₄ H ₂ PO ₄	33B-08
AsH ₆ NO ₄	NH ₄ H ₂ AsO ₄ -RbH ₂ AsO ₄	33B-10
AsH ₆ NO ₄	NH ₄ H ₂ AsO ₄ -TlH ₂ AsO ₄	33B-12
AsH ₆ NO ₄	NH ₄ H ₂ AsO ₄ -NH ₄ H ₂ PO ₄ -RbH ₂ AsO ₄ -RbH ₂ PO ₄	33B-13
AsH ₂ O ₄ Rb	RbH ₂ AsO ₄ -NH ₄ H ₂ AsO ₄	33B-10
AsH ₂ O ₄ Rb	RbH ₂ AsO ₄ -NH ₄ H ₂ AsO ₄ -NH ₄ H ₂ PO ₄ -RbH ₂ PO ₄	33B-13
AsH ₂ O ₄ Tl	TlH ₂ AsO ₄ -NH ₄ H ₂ AsO ₄	33B-12

III Alphabetical index of substances

Gross formula (end material)	Chemical formula	No.
AsIS	AsSI-SbSI	20B-03
AsKO ₅ Ti	K(Ti,Nb)O(As,Si)O ₄	35B-04
AsKO ₅ Ti	KTiOAsO ₄ -CsTiOAsO ₄	35B-02
AsKO ₅ Ti	KTiOAsO ₄ -RbTiOAsO ₄	35B-02
AsKO ₅ Ti	K(Ti,Sb)O(As,Ge)O ₄	35B-04
AsKO ₅ Ti	KTiO(As,P)O ₄	35B-04
As ₃ NaO ₁₂ Th ₂	NaTh ₂ (AsO ₄) ₃ -NaTh ₂ (PO ₄) ₃	37B-01
AsO ₅ RbTi	RbTiOAsO ₄ -CsTiOAsO ₄	35B-02
AsO ₅ RbTi	RbTiOAsO ₄ -KTiOAsO ₄	35B-02
BeF ₄ H ₈ N ₂	(NH ₄) ₂ BeF ₄ -(NH ₄) ₂ SO ₄	39B-04
BiIS	BiSI-SbSI	20B-04
Br ₄ C ₈ CuH ₂₄ N ₂	[N(CH ₃) ₄] ₂ CuBr ₄ -[N(CH ₃) ₄] ₂ CuCl ₄	39B-11
Br ₄ C ₈ H ₂₄ N ₂ Zn	[N(CH ₃) ₄] ₂ ZnBr ₄ -[N(CH ₃) ₄] ₂ ZnCl ₄	39B-10
Br ₄ H ₈ N ₂ Zn	(NH ₄)ZnBr ₄ -(NH ₄) ₂ ZnCl ₄	39B-09
BrSSb	SbSBr-SbSI	20B-01
C ₈ Cl ₄ CoH ₂₄ N ₂	[N(CH ₃) ₄] ₂ CoCl ₄ -[N(CH ₃) ₄] ₂ ZnCl ₄	39B-06
C ₈ Cl ₄ CuH ₂₄ N ₂	[N(CH ₃) ₄] ₂ CuCl ₄ -[N(CH ₃) ₄] ₂ CuBr ₄	39B-11
C ₈ Cl ₄ H ₂₄ MnN ₂	[N(CH ₃) ₄] ₂ MnCl ₄ -[N(CH ₃) ₄] ₂ ZnCl ₄	39B-05
C ₈ Cl ₄ H ₂₄ N ₂ Zn	[N(CH ₃) ₄] ₂ ZnCl ₄ -[N(CH ₃) ₄] ₂ CoCl ₄	39B-06
C ₈ Cl ₄ H ₂₄ N ₂ Zn	[N(CH ₃) ₄] ₂ ZnCl ₄ -[N(CH ₃) ₄] ₂ MnCl ₄	39B-05
C ₈ Cl ₄ H ₂₄ N ₂ Zn	[N(CH ₃) ₄] ₂ ZnCl ₄ -[N(CH ₃) ₄] ₂ ZnBr ₄	39B-10
C ₆ FeH ₆ K ₄ N ₆ O ₃	K ₄ Fe(CN) ₆ ·3H ₂ O-(NH ₄) ₄ Fe(CN) ₆ ·3H ₂ O	48B-03
C ₆ FeH ₆ K ₄ N ₆ O ₃	K ₄ Fe(CN) ₆ ·3H ₂ O-Rb ₄ Fe(CN) ₆ ·3H ₂ O	48B-01
C ₆ FeH ₆ K ₄ N ₆ O ₃	K ₄ Fe(CN) ₆ ·3H ₂ O-Tl ₄ Fe(CN) ₆ ·3H ₂ O	48B-02
C ₆ FeH ₁₆ N ₁₀ ·3H ₂ O	(NH ₄) ₄ Fe(CN) ₆ ·3H ₂ O-K ₄ Fe(CN) ₆ ·3H ₂ O	48B-03
C ₆ FeH ₂₂ N ₁₀ O ₃	(NH ₄) ₄ Fe(CN) ₆ ·3H ₂ O-K ₄ Fe(CN) ₆ ·3H ₂ O	48B-03
C ₆ FeH ₆ N ₆ O ₃ Rb ₄	Rb ₄ Fe(CN) ₆ ·3H ₂ O-K ₄ Fe(CN) ₆ ·3H ₂ O	48B-01
C ₆ FeH ₆ N ₆ O ₃ Tl ₄	Tl ₄ Fe(CN) ₆ ·3H ₂ O-K ₄ Fe(CN) ₆ ·3H ₂ O	48B-02
C ₆ FeK ₄ N ₆ ·3H ₂ O	K ₄ Fe(CN) ₆ ·3H ₂ O-(NH ₄) ₄ Fe(CN) ₆ ·3H ₂ O	48B-03
C ₆ FeK ₄ N ₆ ·3H ₂ O	K ₄ Fe(CN) ₆ ·3H ₂ O-Rb ₄ Fe(CN) ₆ ·3H ₂ O	48B-01
C ₆ FeK ₄ N ₆ ·3H ₂ O	K ₄ Fe(CN) ₆ ·3H ₂ O-Tl ₄ Fe(CN) ₆ ·3H ₂ O	48B-02
C ₆ FeN ₆ Rb ₄ ·3H ₂ O	Rb ₄ Fe(CN) ₆ ·3H ₂ O-K ₄ Fe(CN) ₆ ·3H ₂ O	48B-01

IIIB Solid solutions

Gross formula (end material)	Chemical formula	No.
$C_6FeN_6Tl_4 \cdot 3H_2O$	$Tl_4Fe(CN)_6 \cdot 3H_2O$ - $K_4Fe(CN)_6 \cdot 3H_2O$	48B-02
$Cd_2H_8N_2O_{12}S_3$	$(NH_4)_2Cd_2(SO_4)_3$ -(NH_4) ₂ Mn ₂ (SO ₄) ₃	43B-02
$Cd_2H_8N_2O_{12}S_3$	$(NH_4)_2Cd_2(SO_4)_3$ - $Tl_2Cd_2(SO_4)_3$	43B-01
$Cd_2K_2O_{12}S_3$	$K_2Cd_2(SO_4)_3$ - $Tl_2Cd_2(SO_4)_3$	43B-03
$Cd_2O_{12}S_3Tl_2$	$Tl_2Cd_2(SO_4)_3$ - $K_2Cd_2(SO_4)_3$	43B-03
$Cd_2O_{12}S_3Tl_2$	$Tl_2Cd_2(SO_4)_3$ -(NH_4) ₂ Cd ₂ (SO ₄) ₃	43B-01
CdTe	$Cd_{1-x}Zn_xTe$	M15-vi
$Ce_2NaO_{12}P_3$	$NaCe_2(PO_4)_3$ - $NaTh_2(PO_4)_3$	37B-02
Cl_4Cs_2Zn	Cs_2ZnCl_4 - Rb_2ZnCl_4	39B-08
$Cl_4H_8N_2Zn$	$(NH_4)_2ZnCl_4$ -(NH_4) ₂ ZnBr ₄	39B-09
Cl_4K_2Zn	K_2ZnCl_4 - Rb_2ZnCl_4	39B-07
Cl_4Rb_2Zn	Rb_2ZnCl_4 - Cs_2ZnCl_4	39B-08
Cl_4Rb_2Zn	Rb_2ZnCl_4 - K_2ZnCl_4	39B-07
$CrKO_5P$	$K(Cr,Nb)OPO_4$	35B-01
$CrKO_5P$	$K(Cr,Ta)OPO_4$	35B-01
CsH_2O_4P	CsH_2PO_4 - RbH_2PO_4	33B-03
CsH_2O_4P	CsH_2PO_4 - TlH_2PO_4	33B-06
$CsHO_4S$	$CsHSO_4$ - NH_4HSO_4	40B-03
$CsHO_4S$	$CsHSO_4$ - $RbHSO_4$	40B-01
$CsLiO_4S$	$CsLiSO_4$ - $RbLiSO_4$	41B-01
$CsNO_3$	$CsNO_3$ - $RbNO_3$	30B-05
CsO_5PTi	$(Cs,K)TiOPO_4$	35B-01
CsO_5PTi	$(Cs,Rb)TiOPO_4$	35B-01
Cs_2O_4S	Cs_2SO_4 -(NH_4) ₂ SO ₄	39B-03
$CuInS_2$	$CuInS_2$ - $TlInS_2$	22B-05
$FGaKO_4P$	$KGaPO_4F_{1-x}(OH)_x$	35B-05
$FeKO_5P$	$K(Fe,Nb)OPO_4$	35B-01
$FeKO_5P$	$K(Fe,Ta)OPO_4$	35B-01
$FeSe_2Tl$	$TlFeSe_2$ - $TlGaSe_2$	22B-03
$FeSe_2Tl$	$TlFeSe_2$ - $TlInS_2$	22B-01
$GaHKO_5P$	$KGaPO_4F_{1-x}(OH)_x$	35B-05
GaS_2Tl	$TlGaS_2$ - $AgGaS_2$	22B-04

III Alphabetical index of substances

Gross formula (end material)	Chemical formula	No.
GaSe ₂ Tl	TlGaSe ₂ -TlFeSe ₂	22B-03
GeKNbO ₅	K(Nb,Sb)OGeO ₄	35B-03
GeKNbO ₅	K(Nb,Ta)OGeO ₄	35B-03
GeKNbO ₅	K(Nb,Ta)O(Ge,P)O ₄	35B-04
GeKNbO ₅	K(Nb,Ti)O(Ge,P)O ₄	35B-04
GeKO ₅ Sb	K(Sb,Nb)OGeO ₄	35B-03
GeKO ₅ Sb	K(Sb,Ti)O(Ge,As)O ₄	35B-04
GeKO ₅ Sb	K(Sb,Ti)O(Ge,P)O ₄	35B-04
GeKO ₅ Ta	K(Ta,Nb)OGeO ₄	35B-03
GeKO ₅ Ta	K(Ta,Nb)O(Ge,P)O ₄	35B-04
GeTe	Pb _{1-x} Ge _x Te	M15-iv
GeTe	Ge _{1-x} Sn _x Te	M15-iii
H ₂ KO ₄ P	KH ₂ PO ₄ -KH ₂ AsO ₄	33B-02
H ₂ KO ₄ P	KH ₂ PO ₄ -NH ₄ H ₂ PO ₄	33B-01
H ₄ LiNO ₄ S	NH ₄ LiSO ₄ -RbLiSO ₄	41B-02
H ₈ Mn ₂ N ₂ O ₁₂ S ₃	(NH ₄) ₂ Mn ₂ (SO ₄) ₃ -K ₂ Mn ₂ (SO ₄) ₃	43B-04
H ₈ Mn ₂ N ₂ O ₁₂ S ₃	(NH ₄) ₂ Mn ₂ (SO ₄) ₃ -(NH ₄) ₂ Cd ₂ (SO ₄) ₃	43B-02
H ₈ Mn ₂ N ₂ O ₁₂ S ₃	(NH ₄) ₂ Mn ₂ (SO ₄) ₃ -(NH ₄) ₂ Mn ₂ (SeO ₄) ₃	43B-06
H ₈ Mn ₂ N ₂ O ₁₂ Se ₃	(NH ₄) ₂ Mn ₂ (SeO ₄) ₃ -(NH ₄) ₂ Mn ₂ (SO ₄) ₃	43B-06
H ₄ NNaO ₄ S·2H ₂ O	NaNH ₄ SO ₄ ·2H ₂ O-NaNH ₄ SeO ₄ ·2H ₂ O	44B-01
H ₈ NNaO ₆ S	NaNH ₄ SO ₄ ·2H ₂ O-NaNH ₄ SeO ₄ ·2H ₂ O	44B-01
H ₄ NNaO ₄ Se·2H ₂ O	NaNH ₄ SeO ₄ ·2H ₂ O-NaNH ₄ SO ₄ ·2H ₂ O	44B-01
H ₈ NNaO ₆ Se	NaNH ₄ SeO ₄ ·2H ₂ O-NaNH ₄ SO ₄ ·2H ₂ O	44B-01
H ₄ N ₂ O ₃	NH ₄ NO ₃ -KNO ₃	30B-01
H ₆ NO ₄ P	NH ₄ H ₂ PO ₄ -KH ₂ PO ₄	33B-01
H ₆ NO ₄ P	NH ₄ H ₂ PO ₄ -NH ₄ H ₂ AsO ₄	33B-08
H ₆ NO ₄ P	NH ₄ H ₂ PO ₄ -RbH ₂ PO ₄	33B-05
H ₆ NO ₄ P	NH ₄ H ₂ PO ₄ -TlH ₂ PO ₄	33B-07
H ₆ NO ₄ P	NH ₄ H ₂ PO ₄ -NH ₄ H ₂ AsO ₄ -RbH ₂ AsO ₄ -RbH ₂ PO ₄	33B-13
H ₄ NO ₅ PTi	(NH ₄ ,H)TiOPO ₄	35B-01
H ₄ NO ₅ PTi	(NH ₄ ,H ₃ O)TiOPO ₄	35B-01
H ₄ NO ₅ PTi	(NH ₄ ,K)TiOPO ₄	35B-01

IIIB Solid solutions

Gross formula (end material)	Chemical formula	No.
H ₅ I NO ₄ S	NH ₄ HSO ₄ -CsHSO ₄	40B-03
H ₅ I NO ₄ S	NH ₄ HSO ₄ -NH ₄ HSeO ₄	40B-04
H ₈ N ₂ O ₄ S	(NH ₄) ₂ SO ₄ -Cs ₂ SO ₄	39B-03
H ₈ N ₂ O ₄ S	(NH ₄) ₂ SO ₄ -K ₂ SO ₄	39B-01
H ₈ N ₂ O ₄ S	(NH ₄) ₂ SO ₄ -(NH ₄) ₂ BeF ₄	39B-04
H ₈ N ₂ O ₄ S	(NH ₄) ₂ SO ₄ -Rb ₂ SO ₄	39B-02
H ₅ I NO ₄ Se	NH ₄ HSeO ₄ -NH ₄ HSO ₄	40B-04
H ₅ I NO ₄ Se	(NH ₄)HSeO ₄ -RbHSeO ₄	40B-05
H ₂ O ₄ PRb	RbH ₂ PO ₄ -CsH ₂ PO ₄	33B-03
H ₂ O ₄ PRb	RbH ₂ PO ₄ -NH ₄ H ₂ PO ₄	33B-05
H ₂ O ₄ PRb	RbH ₂ PO ₄ -TlH ₂ PO ₄	33B-04
H ₂ O ₄ PRb	RbH ₂ PO ₄ -NH ₄ H ₂ AsO ₄ -NH ₄ H ₂ PO ₄ -RbH ₂ AsO ₄	33B-13
HO ₅ PTi	(H,NH ₄)TiOPO ₄	35B-01
H ₃ O ₆ PTi	(H ₃ O,NH ₄)TiOPO ₄	35B-01
H ₂ O ₄ PTl	TlH ₂ PO ₄ -CsH ₂ PO ₄	33B-06
H ₂ O ₄ PTl	TlH ₂ PO ₄ -NH ₄ H ₂ PO ₄	33B-07
H ₂ O ₄ PTl	TlH ₂ PO ₄ -RbH ₂ PO ₄	33B-04
HO ₄ RbS	RbHSO ₄ -CsHSO ₄	40B-01
HO ₄ RbS	RbHSO ₄ -RbHSeO ₄	40B-02
HO ₄ RbSe	RbHSeO ₄ -(NH ₄)HSeO ₄	40B-05
HO ₄ RbSe	RbHSeO ₄ -RbHSO ₄	40B-02
IK	KI-KNO ₃	30B-04
IOSb	SbOI-SbSI	20B-02
ISSb	SbSI-AsSI	20B-03
ISSb	SbSI-BiSI	20B-04
ISSb	SbSI-SbOI	20B-02
ISSb	SbSI-SbSBr	20B-01
ISSb	SbSI-SbSeI	20B-05
ISbSe	SbSeI-SbSI	20B-05
InS ₂ Tl	TlInS ₂ -CuInS ₂	22B-05
InS ₂ Tl	TlInS ₂ -TlFeSe ₂	22B-01

III Alphabetical index of substances

Gross formula (end material)	Chemical formula	No.
InS ₂ Tl	TlInS ₂ -TlInSe ₂	22B-02
InSe ₂ Tl	TlInSe ₂ -TlInS ₂	22B-02
K ₂ Mn ₂ O ₁₂ S ₃	K ₂ Mn ₂ (SO ₄) ₃ -K ₂ Mn ₂ (SeO ₄) ₃	43B-08
K ₂ Mn ₂ O ₁₂ S ₃	K ₂ Mn ₂ (SO ₄) ₃ -(NH ₄) ₂ Mn ₂ (SO ₄) ₃	43B-04
K ₂ Mn ₂ O ₁₂ S ₃	K ₂ Mn ₂ (SO ₄) ₃ -Tl ₂ Mn ₂ (SO ₄) ₃	43B-05
K ₂ Mn ₂ O ₁₂ Se ₃	K ₂ Mn ₂ (SeO ₄) ₃ -K ₂ Mn ₂ (SO ₄) ₃	43B-08
KNO ₂	KNO ₂ -KNO ₃	30B-03
KNO ₃	KNO ₃ -KI	30B-04
KNO ₃	KNO ₃ -KNO ₂	30B-03
KNO ₃	KNO ₃ -NH ₄ NO ₃	30B-01
KNO ₃	KNO ₃ -RbNO ₃	30B-02
KNbO ₅ P	K(Nb,Cr)OPO ₄	35B-01
KNbO ₅ P	K(Nb,Fe)OPO ₄	35B-01
KNbO ₅ P	K(Nb,Ta)O(P,Ge)O ₄	35B-04
KNbO ₅ P	K(Nb,Ti)OPO ₄	35B-01
KNbO ₅ P	K _y (Nb,Ti)OPO ₄	35B-01
KNbO ₅ P	K(Nb,V)OPO ₄	35B-01
KNbO ₅ P	K _y (Nb,V)OPO ₄	35B-01
KNbO ₅ Si	K(Nb,Ti)O(Si,P)O ₄	35B-04
KO ₅ PTa	K(Ta,Cr)OPO ₄	35B-01
KO ₅ PTa	K(Ta,Fe)OPO ₄	35B-01
KO ₅ PTa	K(Ta,Nb)O(P,Ge)O ₄	35B-04
KO ₅ PTa	K(Ta,Ti)OPO ₄	35B-01
KO ₅ PTa	K _y (Ta,Ti)KO ₅ PTa	35B-01
KO ₅ PTa	K(Ta,V)OPO ₄	35B-01
KO ₅ PTa	K _y (Ta,V)OPO ₄	35B-01
KO ₅ PTi	(K,Ag)TiOPO ₄	35B-01
KO ₅ PTi	(K,Cs)TiOPO ₄	35B-01
KO ₅ PTi	(K,NH ₄)TiOPO ₄	35B-01
KO ₅ PTi	(K,Na)TiOPO ₄	35B-01
KO ₅ PTi	(K,Rb)TiOPO ₄	35B-01
KO ₅ PTi	(K,Tl)TiOPO ₄	35B-01

IIIB Solid solutions

Gross formula (end material)	Chemical formula	No.
KO ₅ PTi	K(Ti,Nb)OPO ₄	35B-01
KO ₅ PTi	K _y (Ti,Nb)OPO ₄	35B-01
KO ₅ PTi	K(Ti,Nb)O(P,Ge)O ₄	35B-04
KO ₅ PTi	K(Ti,Nb)O(P,Si)O ₄	35B-04
KO ₅ PTi	K(Ti,Sb)O(P,Ge)O ₄	35B-04
KO ₅ PTi	K(Ti,Sb)O(P,Si)O ₄	35B-04
KO ₅ PTi	K(Ti,Ta)OPO ₄	35B-01
KO ₅ PTi	K _y (Ti,Ta)OPO ₄	35B-01
KO ₅ PTi	KTiO(P,As)O ₄	35B-04
KO ₅ PTi	K(Ti,V)OPO ₄	35B-01
KO ₅ PTi	K _y (Ti,V)OPO ₄	35B-01
KO ₅ PV	K(V,Nb)OPO ₄	35B-01
KO ₅ PV	K _y (V,Nb)OPO ₄	35B-01
KO ₅ PV	K(V,Ta)OPO ₄	35B-01
KO ₅ PV	K _y (V,Ta)OPO ₄	35B-01
KO ₅ PV	K(V,Ti)OPO ₄	35B-01
KO ₅ PV	K _y (V,Ti)OPO ₄	35B-01
K ₂ O ₄ S	K ₂ SO ₄ -(NH ₄) ₂ SO ₄	39B-01
KO ₅ SbSi	K(Sb,Ti)O(Si,P)O ₄	35B-04
LiO ₄ RbS	RbLiSO ₄ -CsLiSO ₄	41B-01
LiO ₄ RbS	RbLiSO ₄ -NH ₄ LiSO ₄	41B-02
Mn ₂ O ₁₂ S ₃ Tl ₂	Tl ₂ Mn ₂ (SO ₄) ₃ -K ₂ Mn ₂ (SO ₄) ₃	43B-05
Mn ₂ O ₁₂ S ₃ Tl ₂	Tl ₂ Mn ₂ (SO ₄) ₃ -Tl ₂ Mn ₂ (SeO ₄) ₃	43B-07
Mn ₂ O ₁₂ Se ₃ Tl ₂	Tl ₂ Mn ₂ (SeO ₄) ₃ -Tl ₂ Mn ₂ (SO ₄) ₃	43B-07
NNaO ₂	NaNO ₂ -AgNO ₂	28B-01
NNaO ₂	NaNO ₂ -NaNO ₃	28B-02
NNaO ₃	NaNO ₃ -NaNO ₂	28B-02
NO ₃ Rb	RbNO ₃ -CsNO ₃	30B-05
NO ₃ Rb	RbNO ₃ -KNO ₃	30B-02
NaO ₁₂ P ₃ Th ₂	NaTh ₂ (PO ₄) ₃ -NaCe ₂ (PO ₄) ₃	37B-02
NaO ₁₂ P ₃ Th ₂	NaTh ₂ (PO ₄) ₃ -NaTh ₂ (AsO ₄) ₃	37B-01

III Alphabetical index of substances

Gross formula (end material)	Chemical formula	No.
NaO ₅ PTi	(Na,K)TiOPO ₄	35B-01
NaO ₅ PTi	(Na,Rb)TiOPO ₄	35B-01
O ₅ PRbTi	(Rb,Cs)TiOPO ₄	35B-01
O ₅ PRbTi	(Rb,K)TiOPO ₄	35B-01
O ₅ PRbTi	(Rb,Na)TiOPO ₄	35B-01
O ₅ PTiTi	(Ti,K)TiOPO ₄	35B-01
O ₄ Rb ₂ S	Rb ₂ SO ₄ ·(NH ₄) ₂ SO ₄	39B-02
P ₂ Pb ₂ S ₆	Pb ₂ P ₂ S ₆ -Sn ₂ P ₂ S ₆	24B-01
P ₂ Pb ₂ Se ₆	Pb ₂ P ₂ Se ₆ -Sn ₂ P ₂ Se ₆	24B-02
P ₂ S ₆ Sn ₂	Sn ₂ P ₂ S ₆ -Pb ₂ P ₂ S ₆	24B-01
P ₂ S ₆ Sn ₂	Sn ₂ P ₂ S ₆ -Sn ₂ P ₂ Se ₆	24B-03
P ₂ Se ₆ Sn ₂	Sn ₂ P ₂ Se ₆ -Pb ₂ P ₂ Se ₆	24B-02
P ₂ Se ₆ Sn ₂	Sn ₂ P ₂ Se ₆ -Sn ₂ P ₂ S ₆	24B-03
PbTe	Pb _{1-x} Ge _x Te	M15-iv
PbTe	Pb _{1-x} Sn _x Te	M15-v
RADA	NH ₄ H ₂ AsO ₄ -RbH ₂ AsO ₄	33B-10
RADP	NH ₄ H ₂ PO ₄ -RbH ₂ PO ₄	33B-05
RADPA	Rb _{1-x} (NH ₄) _x H ₂ P _{1-y} As _y O ₄	33B-13
SnTe	Ge _{1-x} Sn _x Te	M15-iii
SnTe	Pb _{1-x} Sn _x Te	M15-v
TeZn	Cd _{1-x} Zn _x Te	M15-vi