

# Homogenous gas calculations

## KDV 200 bar

Au and Re set to 0.1 micromoles per mole



Equilibrium Composition, Log(mol %)

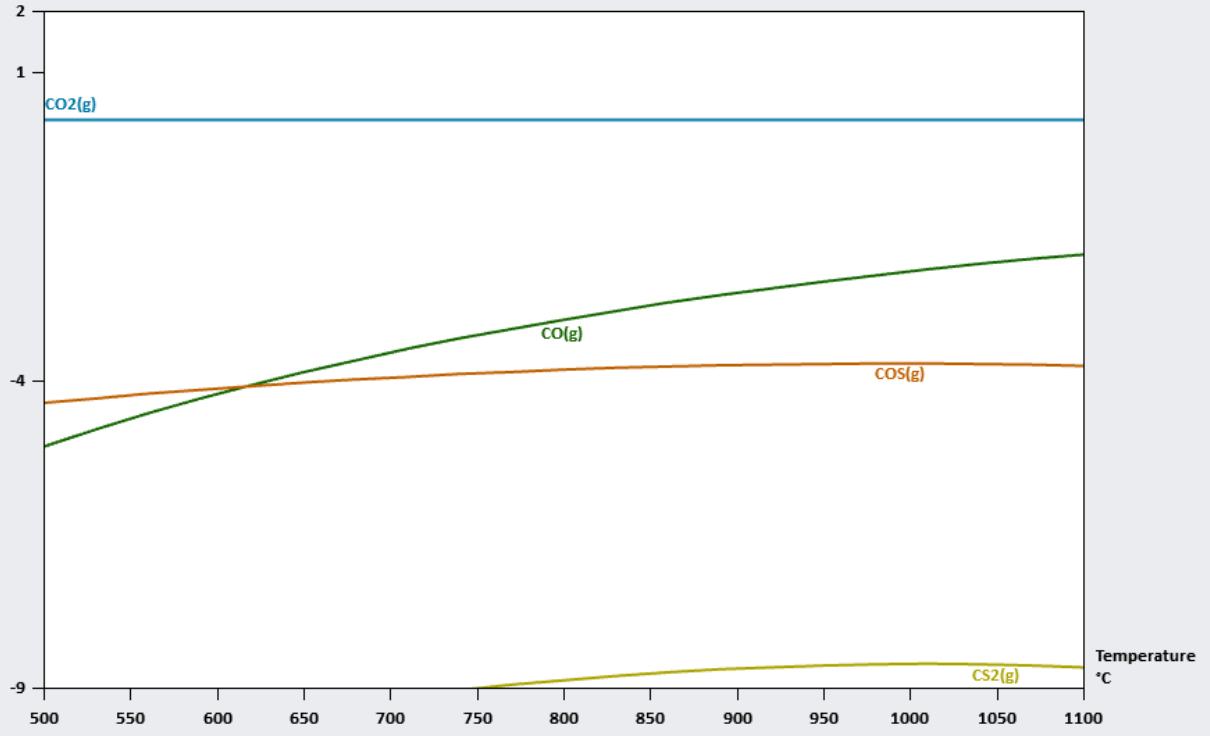


Chart parameters

Legend	Description	Phase	H
<input checked="" type="checkbox"/>	CO <sub>2</sub> (g)	1	H
<input checked="" type="checkbox"/>	CH <sub>4</sub> (g)	1	O
<input checked="" type="checkbox"/>	CO(g)	1	C
<input checked="" type="checkbox"/>	COS(g)	1	S
<input checked="" type="checkbox"/>	CS <sub>2</sub> (g)	1	Cl
<input checked="" type="checkbox"/>	C <sub>2</sub> H <sub>6</sub> (g)	1	Br
<input checked="" type="checkbox"/>	C <sub>3</sub> H <sub>8</sub> (g)	1	I
			F
			N
			Si
			K
			Na
			Al
			Fe
			Cd
			W
			Tl
			Te
			Mo
			Re
			Ca
			Mg
			Cu
			Au
			Mn
			Pb
			As
			Sn
			Ti
			Zr
			V
			Ni
			Zn
			In
			Bi
			All elements



Equilibrium Composition, Log(mol %)

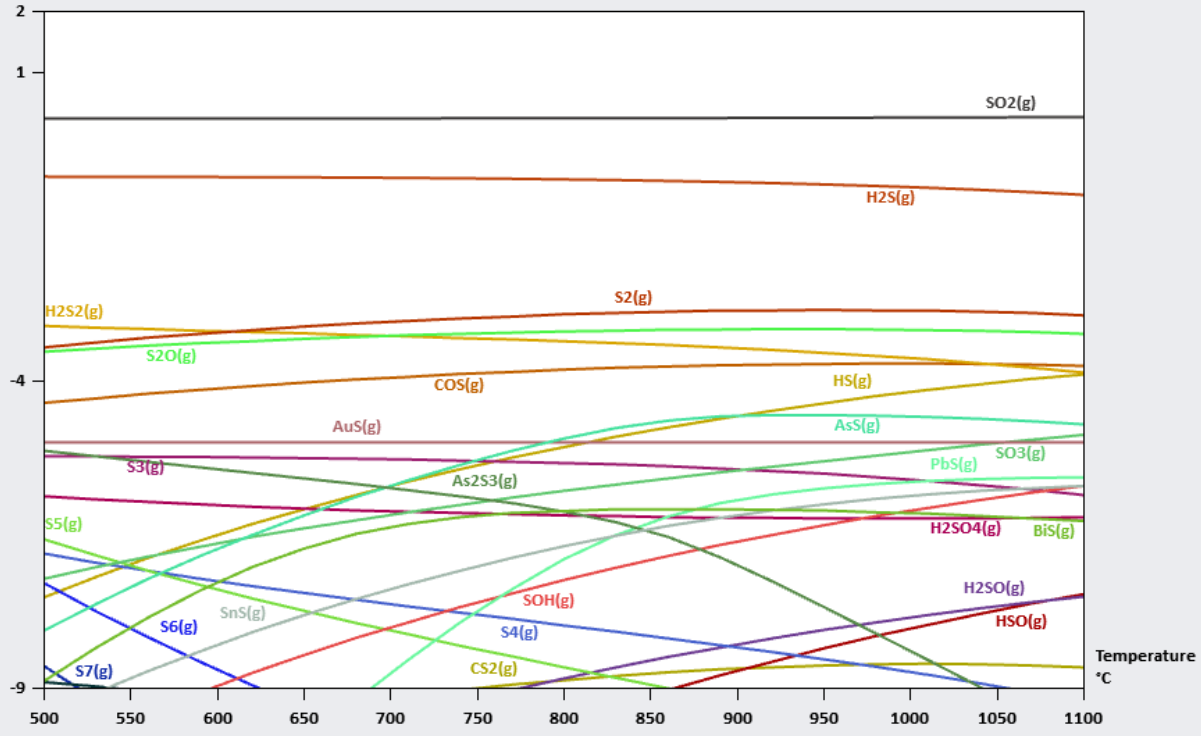


Chart parameters

Legend	Description	Phase		
<input checked="" type="checkbox"/>	SO <sub>2</sub> (g)	1		H
<input checked="" type="checkbox"/>	COS(g)	1		O
<input checked="" type="checkbox"/>	CS <sub>2</sub> (g)	1		C
<input checked="" type="checkbox"/>	HS(g)	1		S
<input checked="" type="checkbox"/>	H <sub>2</sub> S(g)	1		Cl
<input checked="" type="checkbox"/>	H <sub>2</sub> S <sub>2</sub> (g)	1		I
<input checked="" type="checkbox"/>	HSO(g)	1		F
<input checked="" type="checkbox"/>	H <sub>2</sub> SO(g)	1		N
<input checked="" type="checkbox"/>	H <sub>2</sub> SO <sub>4</sub> (g)	1		Si
<input checked="" type="checkbox"/>	H <sub>2</sub> SO(g)	1		K
<input checked="" type="checkbox"/>	H <sub>2</sub> SO <sub>4</sub> (g)	1		Na
<input checked="" type="checkbox"/>	S <sub>2</sub> (g)	1		Al
<input checked="" type="checkbox"/>	S <sub>3</sub> (g)	1		Fe
<input checked="" type="checkbox"/>	S <sub>4</sub> (g)	1		Cd
<input checked="" type="checkbox"/>	S <sub>5</sub> (g)	1		W
<input checked="" type="checkbox"/>	S <sub>6</sub> (g)	1		Tl
<input checked="" type="checkbox"/>	S <sub>7</sub> (g)	1		Te
<input checked="" type="checkbox"/>	S <sub>8</sub> (g)	1		Mo
<input checked="" type="checkbox"/>	SO <sub>3</sub> (g)	1		Re
<input checked="" type="checkbox"/>	S <sub>2</sub> O(g)	1		Ca
<input checked="" type="checkbox"/>	SOH(g)	1		Mg
<input checked="" type="checkbox"/>	AuS(g)	1		Cu
<input checked="" type="checkbox"/>	PbS(g)	1		Au
<input checked="" type="checkbox"/>	AsS(g)	1		Mn
<input checked="" type="checkbox"/>	As <sub>2</sub> S <sub>3</sub> (g)	1		Pb
<input checked="" type="checkbox"/>	As <sub>4</sub> S <sub>4</sub> (g)	1		As
<input checked="" type="checkbox"/>	SnS(g)	1		Sn
<input checked="" type="checkbox"/>	NiS(g)	1		Tl
<input checked="" type="checkbox"/>	BiS(g)	1		Zr
<input checked="" type="checkbox"/>	(BiS) <sub>2</sub> (g)	1		V
<input checked="" type="checkbox"/>	Bi <sub>2</sub> S <sub>3</sub> (g)	1		Ni
<input checked="" type="checkbox"/>				Zn
<input checked="" type="checkbox"/>				In
<input checked="" type="checkbox"/>				Bi
<input checked="" type="checkbox"/>				All elements



Equilibrium Composition, Log(mol %)

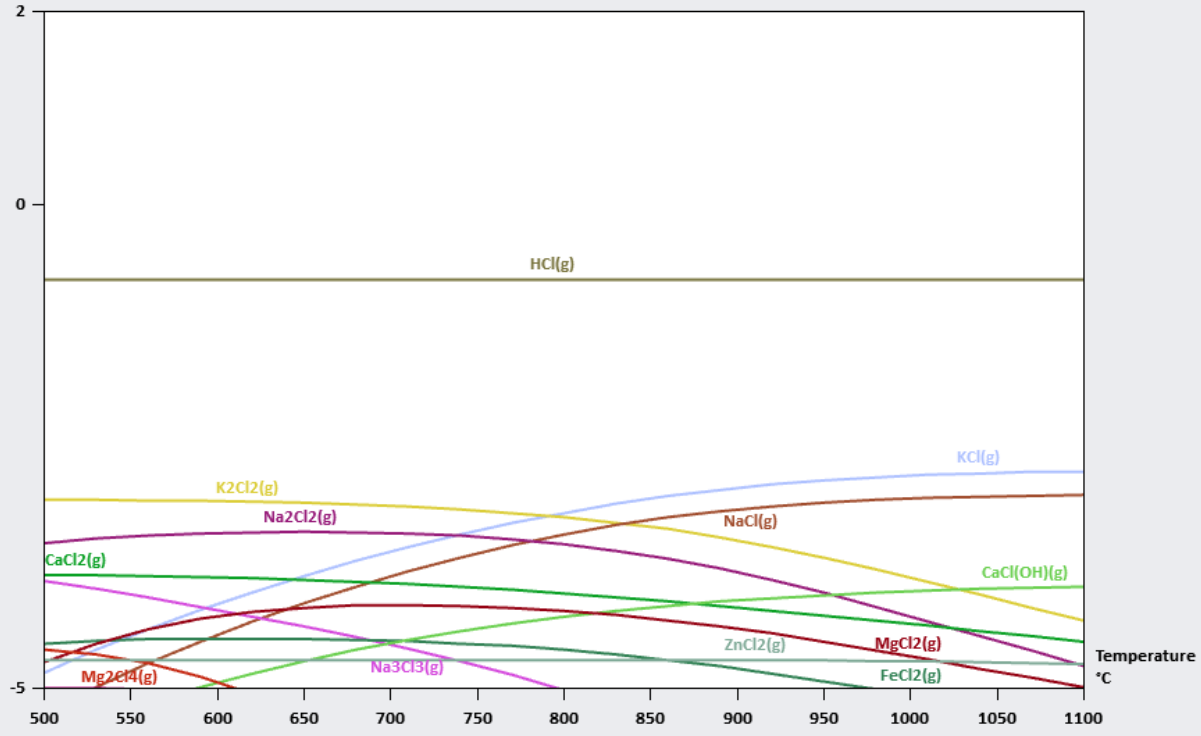


Chart parameters

Description	Phase	Legend
<input checked="" type="checkbox"/> HCl(g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> BrCl(g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Cl(g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Cl <sub>2</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Cl <sub>3</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Cl <sub>4</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> ICl(g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> KCl(g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> K <sub>2</sub> Cl <sub>2</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> NaCl(g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Na <sub>2</sub> Cl <sub>2</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Na <sub>3</sub> Cl <sub>3</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> OClO(g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> AlClF <sub>2</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> AlCl(OH) <sub>2</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> AlCl <sub>2</sub> (OH)(g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> AlCl <sub>2</sub> F(g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> FeCl <sub>2</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> FeCl <sub>3</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Fe <sub>2</sub> Cl <sub>4</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> CdCl <sub>2</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> WO <sub>2</sub> Cl <sub>2</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> ReCl <sub>3</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> CaCl <sub>2</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> CaCl(OH)(g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> MgCl <sub>2</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Mg <sub>2</sub> Cl <sub>4</sub> (g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> MgClF(g)	1	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> CuCl(g)	1	<input checked="" type="checkbox"/>

Legend

Element	Phase
H	1
O	1
C	1
S	1
Cl	1
Br	1
I	1
F	1
N	1
Si	1
K	1
Na	1
Al	1
Fe	1
Cd	1
W	1
Tl	1
Te	1
Mo	1
Re	1
Ca	1
Mg	1
Cu	1
Au	1
Mn	1
Pb	1
As	1
Sn	1
Ti	1
Zr	1
V	1
Ni	1
Zn	1
In	1
Bi	1
All elements	1



Equilibrium Composition, Log(mol %)

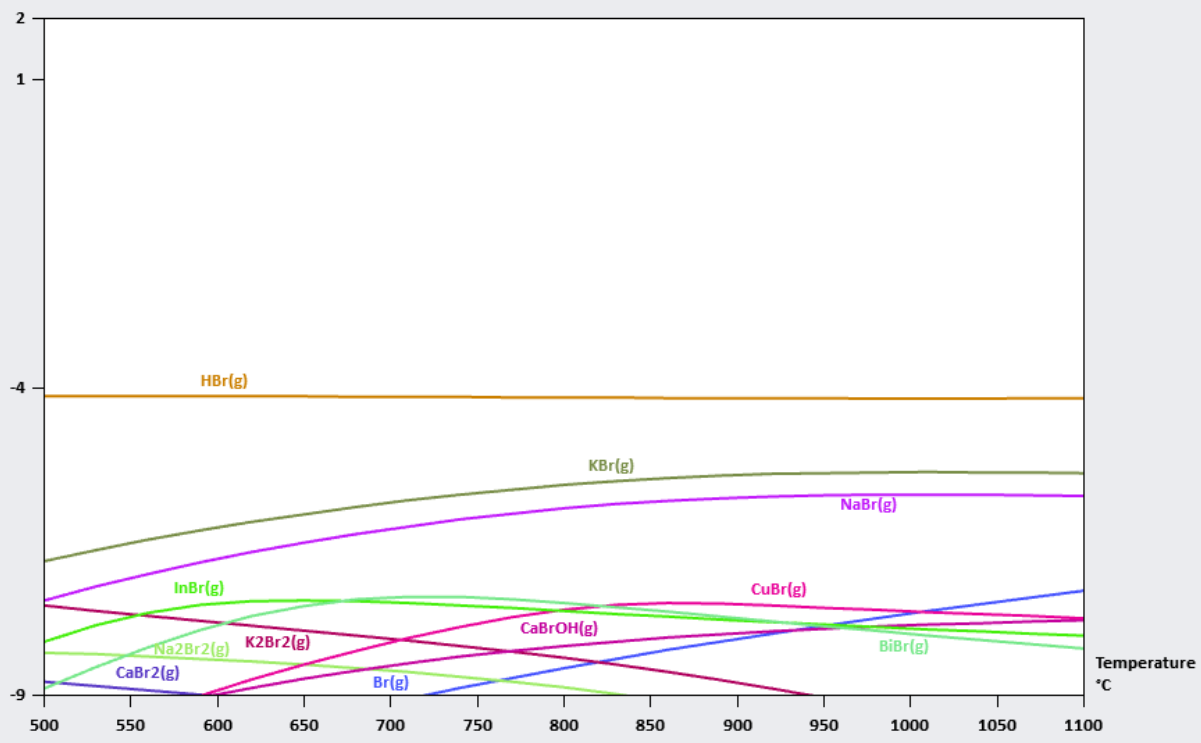


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	HBr(g)	1	H
<input checked="" type="checkbox"/>	Br(g)	1	O
<input checked="" type="checkbox"/>	Br <sub>2</sub> (g)	1	C
<input checked="" type="checkbox"/>	BrCl(g)	1	S
<input checked="" type="checkbox"/>	BrF(g)	1	Cl
<input checked="" type="checkbox"/>	BrF <sub>3</sub> (g)	1	Br
<input checked="" type="checkbox"/>	BrF <sub>5</sub> (g)	1	I
<input checked="" type="checkbox"/>	BrO(g)	1	F
<input checked="" type="checkbox"/>	BrO <sub>2</sub> (g)	1	N
<input checked="" type="checkbox"/>	BrOO(g)	1	Si
<input checked="" type="checkbox"/>	BrO <sub>3</sub> (g)	1	K
<input checked="" type="checkbox"/>	Br <sub>2</sub> O(g)	1	Na
<input checked="" type="checkbox"/>	BrBrO(g)	1	Al
<input checked="" type="checkbox"/>	BrOBr(g)	1	Fe
<input checked="" type="checkbox"/>	Br <sub>2</sub> O(g)	1	Cd
<input checked="" type="checkbox"/>	Br <sub>2</sub> O(g)	1	W
<input checked="" type="checkbox"/>	BrBrO(g)	1	Tl
<input checked="" type="checkbox"/>	BrOBr(g)	1	Te
<input checked="" type="checkbox"/>	IBr(g)	1	Mo
<input checked="" type="checkbox"/>	KBr(g)	1	Re
<input checked="" type="checkbox"/>	K <sub>2</sub> Br <sub>2</sub> (g)	1	Ca
<input checked="" type="checkbox"/>	NaBr(g)	1	Mg
<input checked="" type="checkbox"/>	Na <sub>2</sub> Br <sub>2</sub> (g)	1	Cu
<input checked="" type="checkbox"/>	OBrO(g)	1	Au
<input checked="" type="checkbox"/>	ReBr <sub>3</sub> (g)	1	Mn
<input checked="" type="checkbox"/>	CaBr <sub>2</sub> (g)	1	Pb
<input checked="" type="checkbox"/>	CaBrOH(g)	1	As
<input checked="" type="checkbox"/>	MgBr <sub>2</sub> (g)	1	Sn
<input checked="" type="checkbox"/>	CuBr(g)	1	Tl
<input checked="" type="checkbox"/>	NiBr(g)	1	Zr
<input checked="" type="checkbox"/>	InBr(g)	1	V
<input checked="" type="checkbox"/>	BiBr(g)	1	Ni
<input checked="" type="checkbox"/>	BiBr <sub>3</sub> (g)	1	Zn
<input checked="" type="checkbox"/>	BiBr <sub>3</sub> (g)	1	In
<input checked="" type="checkbox"/>	BiBr <sub>3</sub> (g)	1	Bi
<input checked="" type="checkbox"/>	BiBr <sub>3</sub> (g)	1	All elements



Equilibrium Composition, Log(mol %)

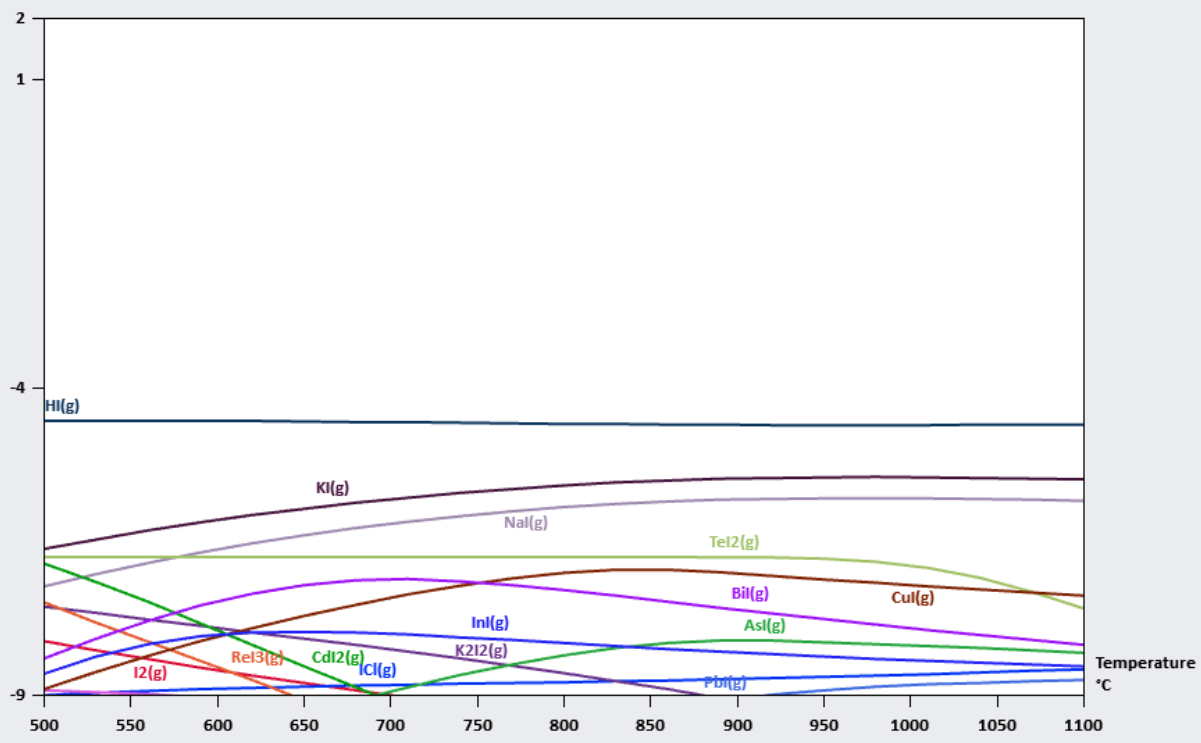


Chart parameters

Description	Phase	Element
<input checked="" type="checkbox"/> HI(g)	1	H
<input checked="" type="checkbox"/> I2(g)	1	O
<input checked="" type="checkbox"/> IBr(g)	1	C
<input checked="" type="checkbox"/> ICl(g)	1	S
<input checked="" type="checkbox"/> IF(g)	1	Cl
<input checked="" type="checkbox"/> IO(g)	1	Br
<input checked="" type="checkbox"/> IO2(g)	1	I
<input checked="" type="checkbox"/> KI(g)	1	F
<input checked="" type="checkbox"/> K2I2(g)	1	N
<input checked="" type="checkbox"/> NaI(g)	1	N
<input checked="" type="checkbox"/> Na2I2(g)	1	Si
<input checked="" type="checkbox"/> OIO(g)	1	K
<input checked="" type="checkbox"/> CdI2(g)	1	Na
<input checked="" type="checkbox"/> TeI2(g)	1	Al
<input checked="" type="checkbox"/> ReI3(g)	1	Fe
<input checked="" type="checkbox"/> CuI(g)	1	Cd
<input checked="" type="checkbox"/> PbI(g)	1	W
<input checked="" type="checkbox"/> AsI(g)	1	Tl
<input checked="" type="checkbox"/> NiI(g)	1	Te
<input checked="" type="checkbox"/> InI(g)	1	Mo
<input checked="" type="checkbox"/> BiI(g)	1	Re
<input checked="" type="checkbox"/> BiI3(g)	1	Ca
<input checked="" type="checkbox"/> Bi(OH)2I(g)	1	Mg
		Cu
		Au
		Mn
		Pb
		As
		Sn
		Tl
		Zr
		V
		Ni
		Zn
		In
		Bi
		All elements



Equilibrium Composition, Log(mol %)

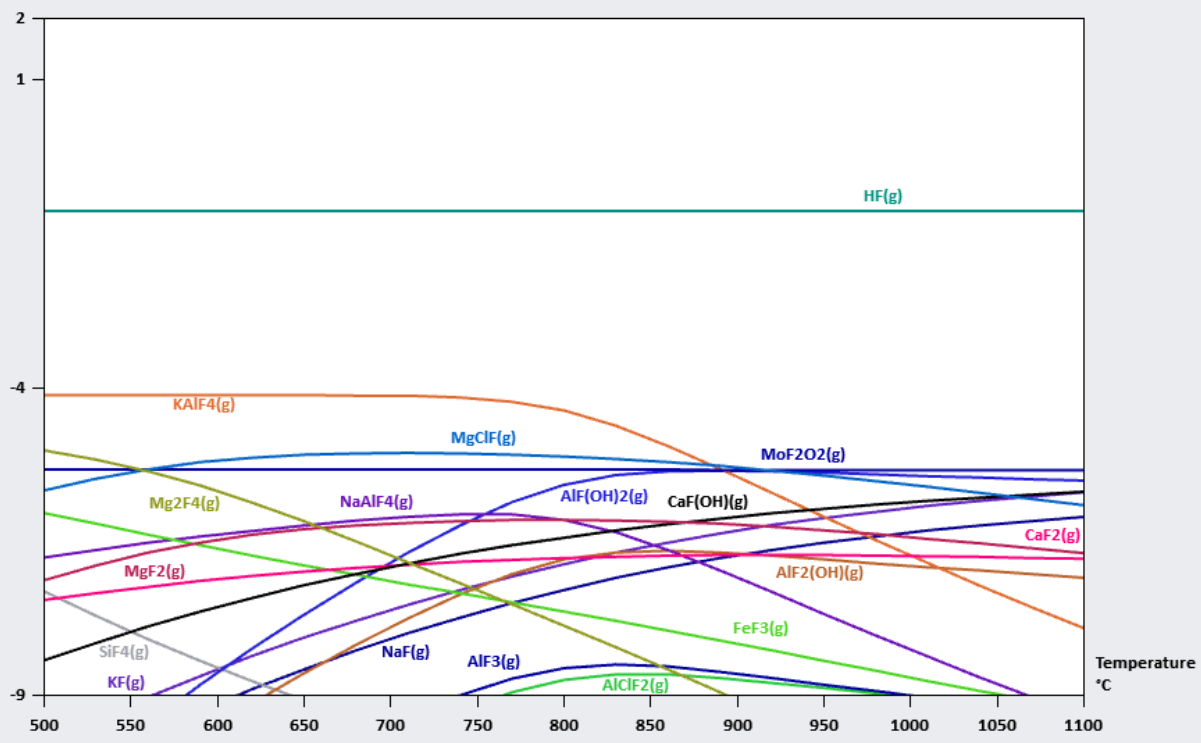


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	HF(g)	1	H
<input checked="" type="checkbox"/>	BrF(g)	1	O
<input checked="" type="checkbox"/>	BrF3(g)	1	C
<input checked="" type="checkbox"/>	BrF5(g)	1	S
<input checked="" type="checkbox"/>	F(g)	1	Cl
<input checked="" type="checkbox"/>	F2(g)	1	Br
<input checked="" type="checkbox"/>	IF(g)	1	I
<input checked="" type="checkbox"/>	KF(g)	1	F
<input checked="" type="checkbox"/>	NaF(g)	1	N
<input checked="" type="checkbox"/>	OF(g)	1	Si
<input checked="" type="checkbox"/>	OF2(g)	1	K
<input checked="" type="checkbox"/>	O2F(g)	1	Na
<input checked="" type="checkbox"/>	O2F2(g)	1	Al
<input checked="" type="checkbox"/>	SiF4(g)	1	Fe
<input checked="" type="checkbox"/>	AlClF2(g)	1	Cd
<input checked="" type="checkbox"/>	AlCl2F(g)	1	W
<input checked="" type="checkbox"/>	AlF3(g)	1	Tl
<input checked="" type="checkbox"/>	AlF(OH)2(g)	1	Te
<input checked="" type="checkbox"/>	AlF2(OH)(g)	1	Mo
<input checked="" type="checkbox"/>	AlOF(g)	1	Re
<input checked="" type="checkbox"/>	KAlF4(g)	1	Ca
<input checked="" type="checkbox"/>	NaAlF4(g)	1	Mg
<input checked="" type="checkbox"/>	FeF3(g)	1	Cu
<input checked="" type="checkbox"/>	MoF3O(g)	1	Au
<input checked="" type="checkbox"/>	MoF2O2(g)	1	Mn
<input checked="" type="checkbox"/>	CaF2(g)	1	Pb
<input checked="" type="checkbox"/>	CaF(OH)(g)	1	As
<input checked="" type="checkbox"/>	MgClF(g)	1	Sn
<input checked="" type="checkbox"/>			Tl
<input checked="" type="checkbox"/>			Zr
<input checked="" type="checkbox"/>			V
<input checked="" type="checkbox"/>			Ni
<input checked="" type="checkbox"/>			Zn
<input checked="" type="checkbox"/>			In
<input checked="" type="checkbox"/>			Bi
<input checked="" type="checkbox"/>			All elements



Equilibrium Composition, Log(mol %)

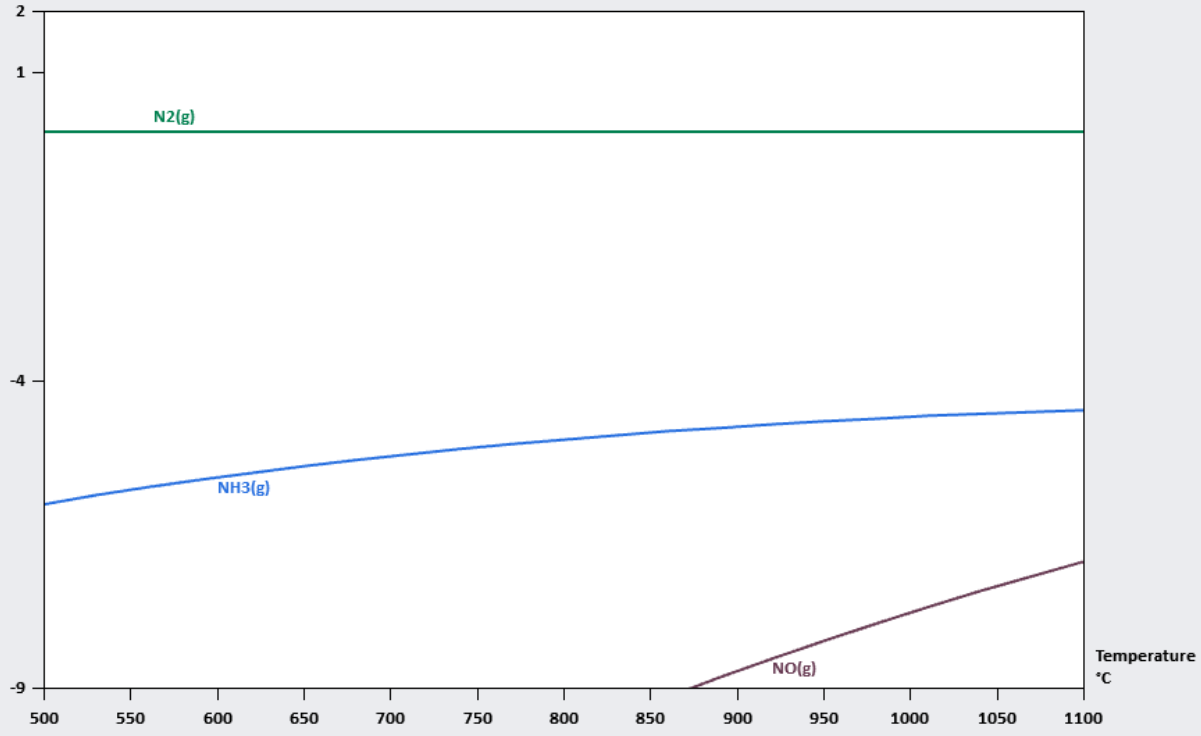


Chart parameters

Legend		Phase		
<input type="checkbox"/>	Description			
<input checked="" type="checkbox"/>	NH <sub>3</sub> (g)	1		H
<input checked="" type="checkbox"/>	N <sub>2</sub> (g)	1		O
<input checked="" type="checkbox"/>	HN <sub>3</sub> (g)	1		C
<input checked="" type="checkbox"/>	HNO(g)	1		S
<input checked="" type="checkbox"/>	HNO <sub>2</sub> (g)	1		Cl
<input checked="" type="checkbox"/>	HNO <sub>3</sub> (g)	1		Br
<input checked="" type="checkbox"/>	N <sub>3</sub> (g)	1		I
<input checked="" type="checkbox"/>	NH(g)	1		F
<input checked="" type="checkbox"/>	NH <sub>2</sub> (g)	1		N
<input checked="" type="checkbox"/>	N <sub>2</sub> H <sub>2</sub> (g)	1		Si
<input checked="" type="checkbox"/>	N <sub>2</sub> H <sub>4</sub> (g)	1		K
<input checked="" type="checkbox"/>	NH <sub>2</sub> OH(g)	1		Na
<input checked="" type="checkbox"/>	NO(g)	1		Al
<input checked="" type="checkbox"/>	NO <sub>2</sub> (g)	1		Fe
<input checked="" type="checkbox"/>	NO <sub>3</sub> (g)	1		Cd
<input checked="" type="checkbox"/>	N <sub>2</sub> O(g)	1		W
<input checked="" type="checkbox"/>	N <sub>2</sub> O <sub>2</sub> (g)	1		Tl
<input checked="" type="checkbox"/>	N <sub>2</sub> O <sub>3</sub> (g)	1		Te
				Mo
				Re
				Ca
				Mg
				Cu
				Au
				Mn
				Pb
				As
				Sn
				Tl
				Zr
				V
				Ni
				Zn
				In
				Bi
				All elements





Equilibrium Composition, Log(mol %)

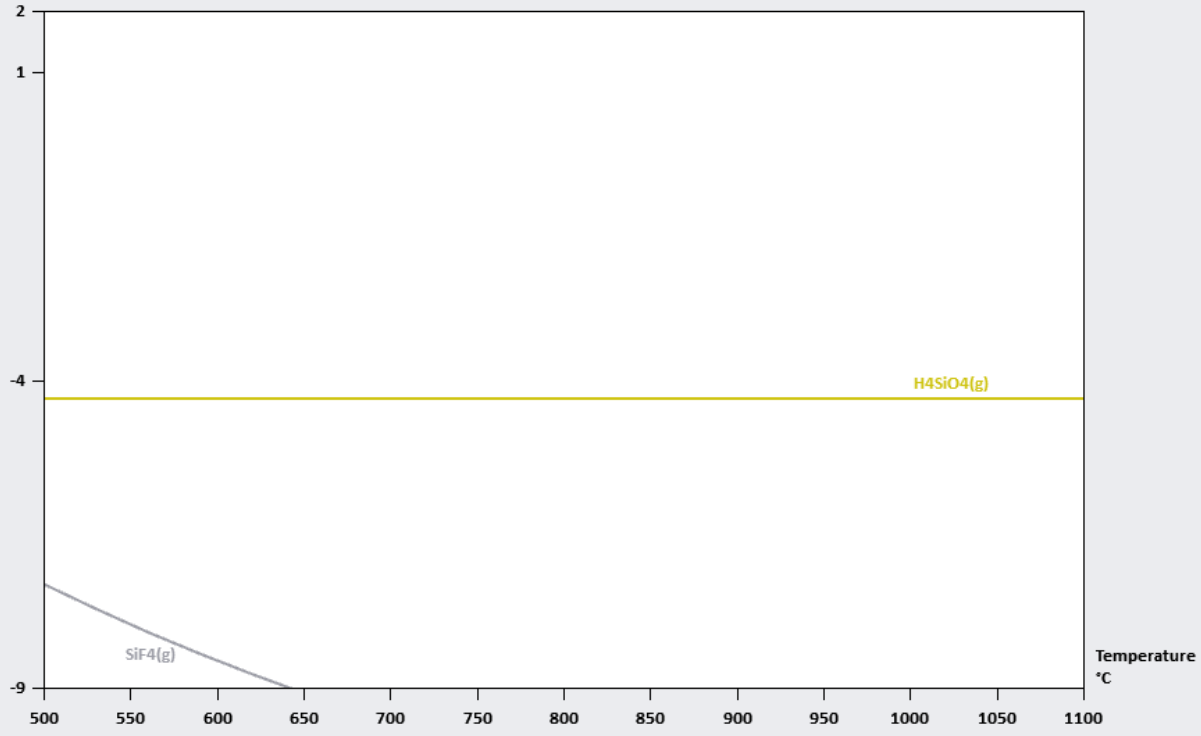


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	H4SiO4(g)	1	H
<input checked="" type="checkbox"/>	Si2(g)	1	O
<input checked="" type="checkbox"/>	SiF4(g)	1	C
			S
			Cl
			Br
			I
			F
			N
			Si
			K
			Na
			Al
			Fe
			Cd
			W
			Tl
			Te
			Mo
			Re
			Ca
			Mg
			Cu
			Au
			Mn
			Pb
			As
			Sn
			Ti
			Zr
			V
			Ni
			Zn
			In
			Bi
			All elements



Equilibrium Composition, Log(mol %)

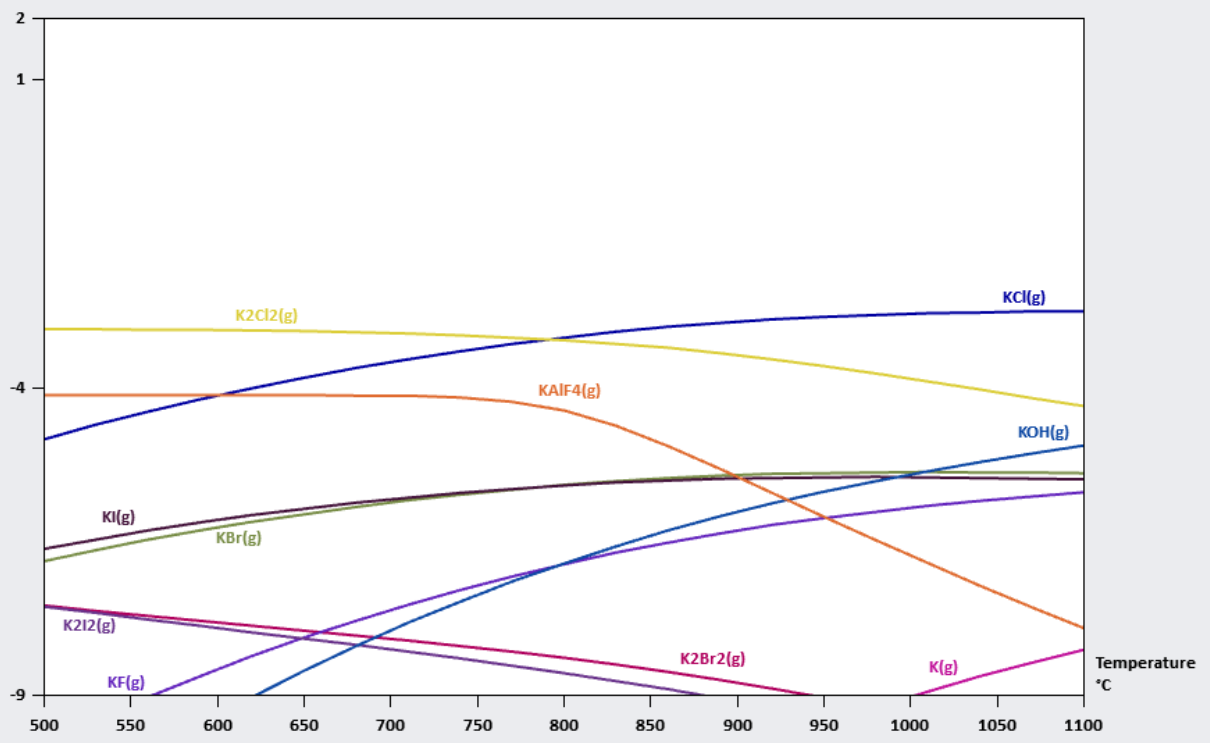


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	K(g)	1	H
<input checked="" type="checkbox"/>	KBr(g)	1	O
<input checked="" type="checkbox"/>	K <sub>2</sub> Br <sub>2</sub> (g)	1	C
<input checked="" type="checkbox"/>	KCl(g)	1	S
<input checked="" type="checkbox"/>	K <sub>2</sub> Cl <sub>2</sub> (g)	1	Cl
<input checked="" type="checkbox"/>	KF(g)	1	I
<input checked="" type="checkbox"/>	KI(g)	1	F
<input checked="" type="checkbox"/>	K <sub>2</sub> I <sub>2</sub> (g)	1	N
<input checked="" type="checkbox"/>	KOH(g)	1	Si
<input checked="" type="checkbox"/>	K <sub>2</sub> (OH) <sub>2</sub> (g)	1	K
<input checked="" type="checkbox"/>	KAlF <sub>4</sub> (g)	1	Na
			Al
			Fe
			Cd
			W
			Ti
			Te
			Mo
			Re
			Ca
			Mg
			Cu
			Au
			Mn
			Pb
			As
			Sn
			Tl
			Zr
			V
			Ni
			Zn
			In
			Bi
			All elements



Equilibrium Composition, Log(mol %)

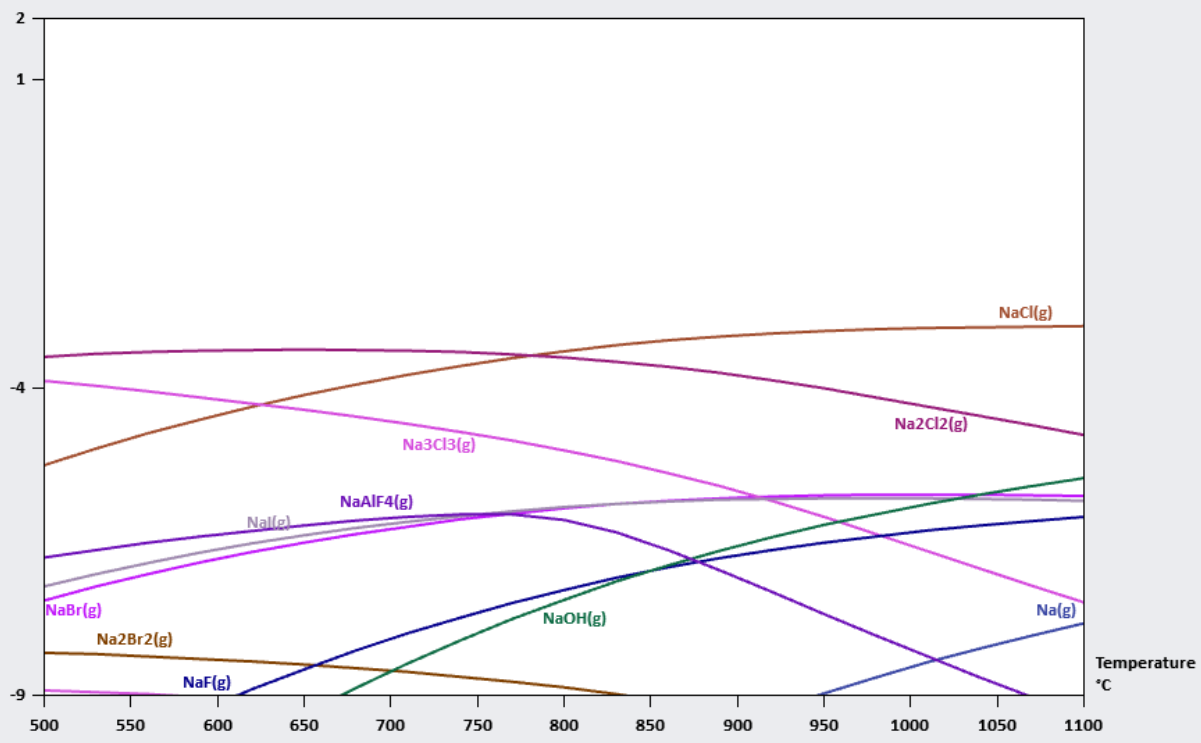


Chart parameters

Description	Phase	Element
<input checked="" type="checkbox"/> Na(g)	1	H
<input checked="" type="checkbox"/> NaBr(g)	1	O
<input checked="" type="checkbox"/> Na2Br2(g)	1	C
<input checked="" type="checkbox"/> NaCl(g)	1	S
<input checked="" type="checkbox"/> Na2Cl2(g)	1	Cl
<input checked="" type="checkbox"/> Na3Cl3(g)	1	Br
<input checked="" type="checkbox"/> NaF(g)	1	I
<input checked="" type="checkbox"/> NaI(g)	1	F
<input checked="" type="checkbox"/> Na2I2(g)	1	N
<input checked="" type="checkbox"/> NaOH(g)	1	Si
<input checked="" type="checkbox"/> NaAlF4(g)	1	K
		Na
		Al
		Fe
		Cd
		W
		Tl
		Te
		Mo
		Re
		Ca
		Mg
		Cu
		Au
		Mn
		Pb
		As
		Sn
		Tl
		Zr
		V
		Ni
		Zn
		In
		Bi
		All elements



Equilibrium Composition, Log(mol %)

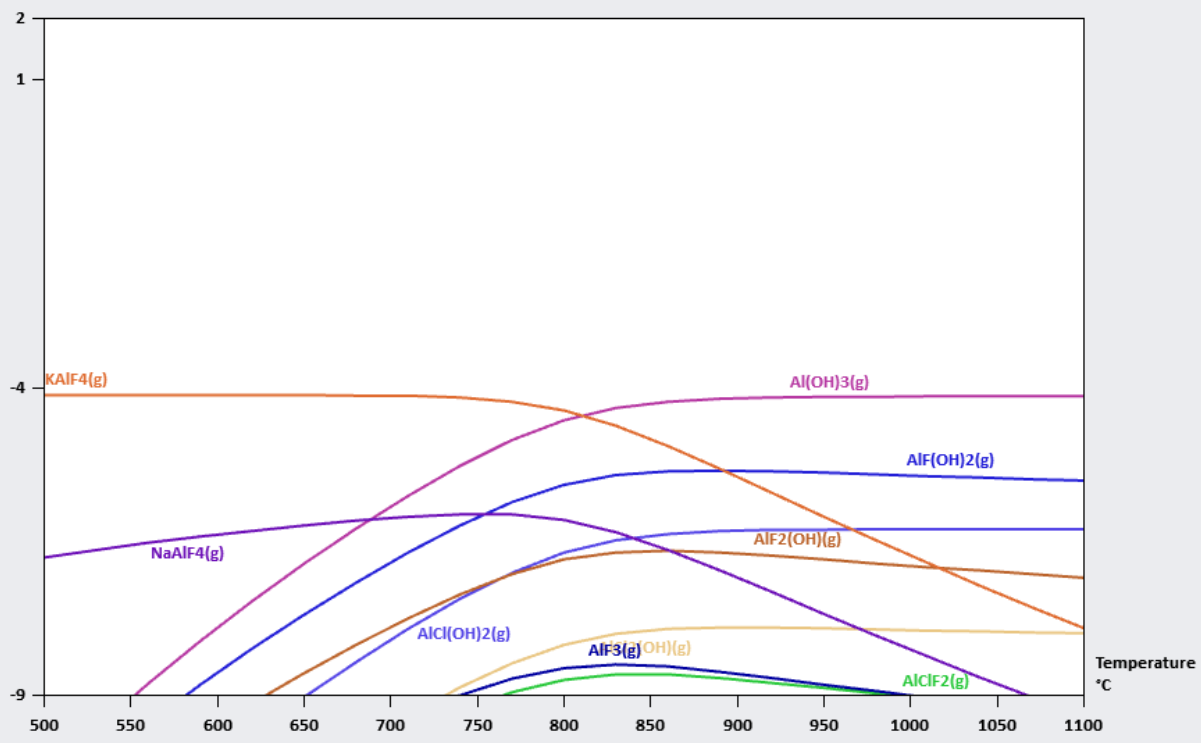


Chart parameters

Legend		Phase	
<input checked="" type="checkbox"/>	Al(g)	1	H
<input checked="" type="checkbox"/>	AlClF2(g)	1	O
<input checked="" type="checkbox"/>	AlCl(OH)2(g)	1	C
<input checked="" type="checkbox"/>	AlCl2(OH)(g)	1	S
<input checked="" type="checkbox"/>	AlCl2F(g)	1	Cl
<input checked="" type="checkbox"/>	AlF3(g)	1	Br
<input checked="" type="checkbox"/>	AlF(OH)2(g)	1	I
<input checked="" type="checkbox"/>	AlF2(OH)(g)	1	F
<input checked="" type="checkbox"/>	AlOF(g)	1	N
<input checked="" type="checkbox"/>	Al(OH)3(g)	1	Si
<input checked="" type="checkbox"/>	KAlF4(g)	1	K
<input checked="" type="checkbox"/>	NaAlF4(g)	1	Na
<input checked="" type="checkbox"/>			Al
<input checked="" type="checkbox"/>			Fe
<input checked="" type="checkbox"/>			Cd
<input checked="" type="checkbox"/>			W
<input checked="" type="checkbox"/>			Tl
<input checked="" type="checkbox"/>			Te
<input checked="" type="checkbox"/>			Mo
<input checked="" type="checkbox"/>			Re
<input checked="" type="checkbox"/>			Ca
<input checked="" type="checkbox"/>			Mg
<input checked="" type="checkbox"/>			Cu
<input checked="" type="checkbox"/>			Au
<input checked="" type="checkbox"/>			Mn
<input checked="" type="checkbox"/>			Pb
<input checked="" type="checkbox"/>			As
<input checked="" type="checkbox"/>			Sn
<input checked="" type="checkbox"/>			Ti
<input checked="" type="checkbox"/>			Zr
<input checked="" type="checkbox"/>			V
<input checked="" type="checkbox"/>			Ni
<input checked="" type="checkbox"/>			Zn
<input checked="" type="checkbox"/>			In
<input checked="" type="checkbox"/>			Bi
<input checked="" type="checkbox"/>			All elements



Equilibrium Composition, Log(mol %)

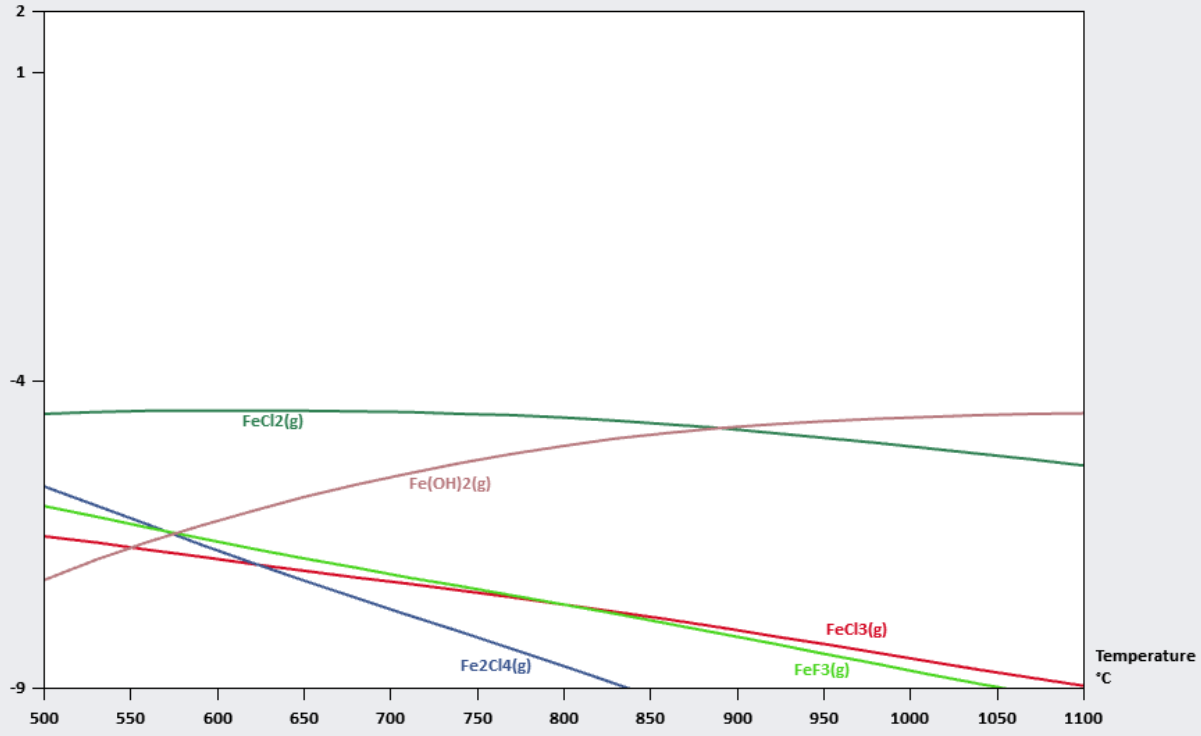


Chart parameters

Legend	Description	Phase
<input checked="" type="checkbox"/>	Fe(g)	1
<input checked="" type="checkbox"/>	FeCl <sub>2</sub> (g)	1
<input checked="" type="checkbox"/>	FeCl <sub>3</sub> (g)	1
<input checked="" type="checkbox"/>	Fe <sub>2</sub> Cl <sub>4</sub> (g)	1
<input checked="" type="checkbox"/>	FeF <sub>3</sub> (g)	1
<input checked="" type="checkbox"/>	Fe(OH) <sub>2</sub> (g)	1

- H
- O
- C
- S
- Cl
- Br
- I
- F
- N
- Si
- K
- Na
- Al
- Fe**
- Cd
- W
- Tl
- Te
- Mo
- Re
- Ca
- Mg
- Cu
- Au
- Mn
- Pb
- As
- Sn
- Ti
- Zr
- V
- Ni
- Zn
- In
- Bi
- All elements



Equilibrium Composition, Log(mol %)

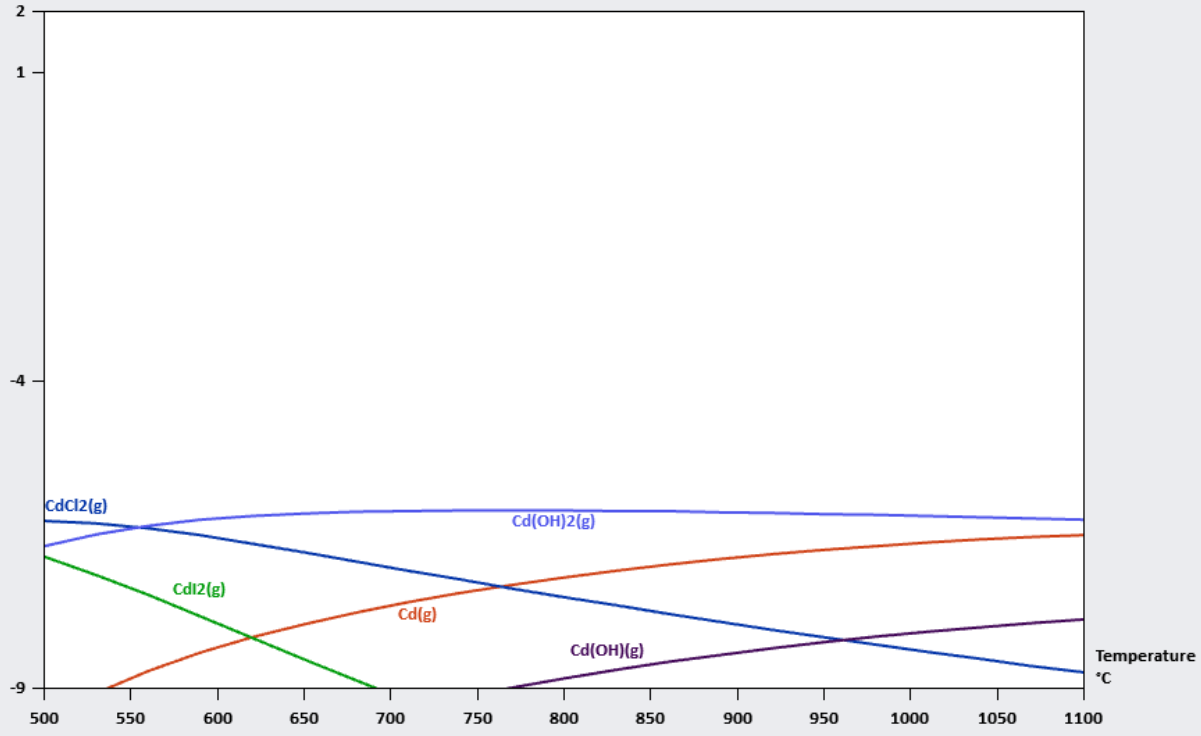


Chart parameters

Legend	Description	Phase
<input checked="" type="checkbox"/>	Cd(g)	1
<input checked="" type="checkbox"/>	CdCl <sub>2</sub> (g)	1
<input checked="" type="checkbox"/>	CdI <sub>2</sub> (g)	1
<input checked="" type="checkbox"/>	Cd(OH)(g)	1
<input checked="" type="checkbox"/>	Cd(OH) <sub>2</sub> (g)	1

Element list:

- H
- O
- C
- S
- Cl
- Br
- I
- F
- N
- Si
- K
- Na
- Al
- Fe
- Cd**
- W
- Tl
- Te
- Mo
- Re
- Ca
- Mg
- Cu
- Au
- Mn
- Pb
- As
- Sn
- Ti
- Zr
- V
- Ni
- Zn
- In
- Bi
- All elements



Equilibrium Composition, Log(mol %)

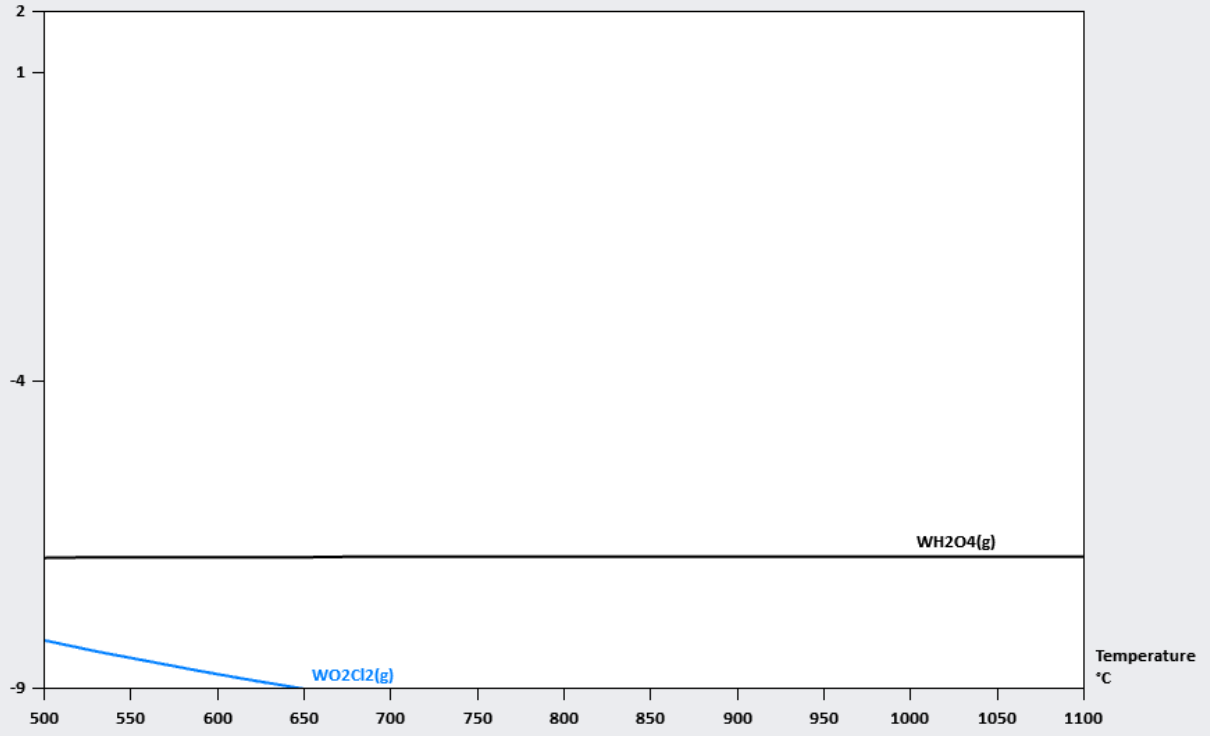


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	W(g)	1	H
<input checked="" type="checkbox"/>	WH2O4(g)	1	O
<input checked="" type="checkbox"/>	WO2Cl2(g)	1	C

Element list: H, O, C, S, Cl, Br, I, F, N, Si, K, Na, Al, Fe, Cd, W, Ti, Te, Mo, Re, Ca, Mg, Cu, Au, Mn, Pb, As, Sn, Ti, Zr, V, Ni, Zn, In, Bi, All elements



Equilibrium Composition, Log(mol %)

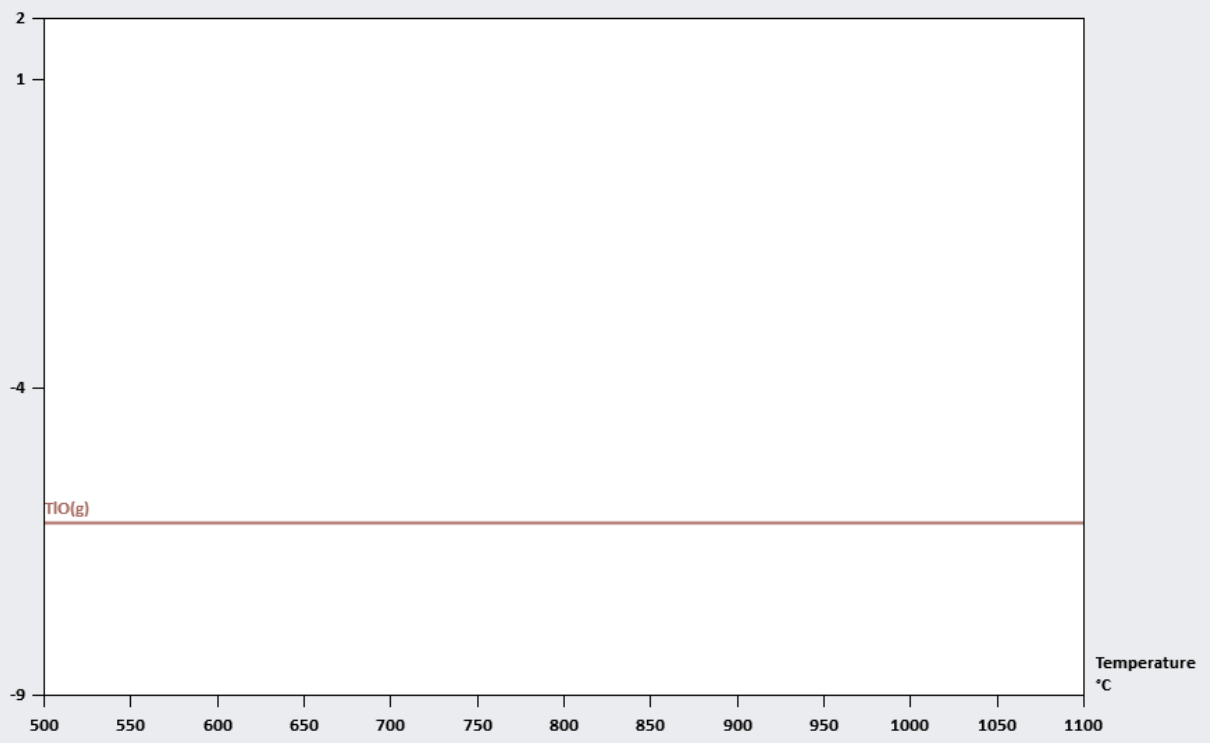


Chart parameters

Legend	Description	Phase
<input checked="" type="checkbox"/>	Ti(g)	1
<input checked="" type="checkbox"/>	TiO(g)	1

- H
- O
- C
- S
- Cl
- Br
- I
- F
- N
- Si
- K
- Na
- Al
- Fe
- Cd
- W
- Ti
- Te
- Mo
- Re
- Ca
- Mg
- Cu
- Au
- Mn
- Pb
- As
- Sn
- Tl
- Zr
- V
- Ni
- Zn
- In
- Bi
- All elements





Equilibrium Composition, Log(mol %)

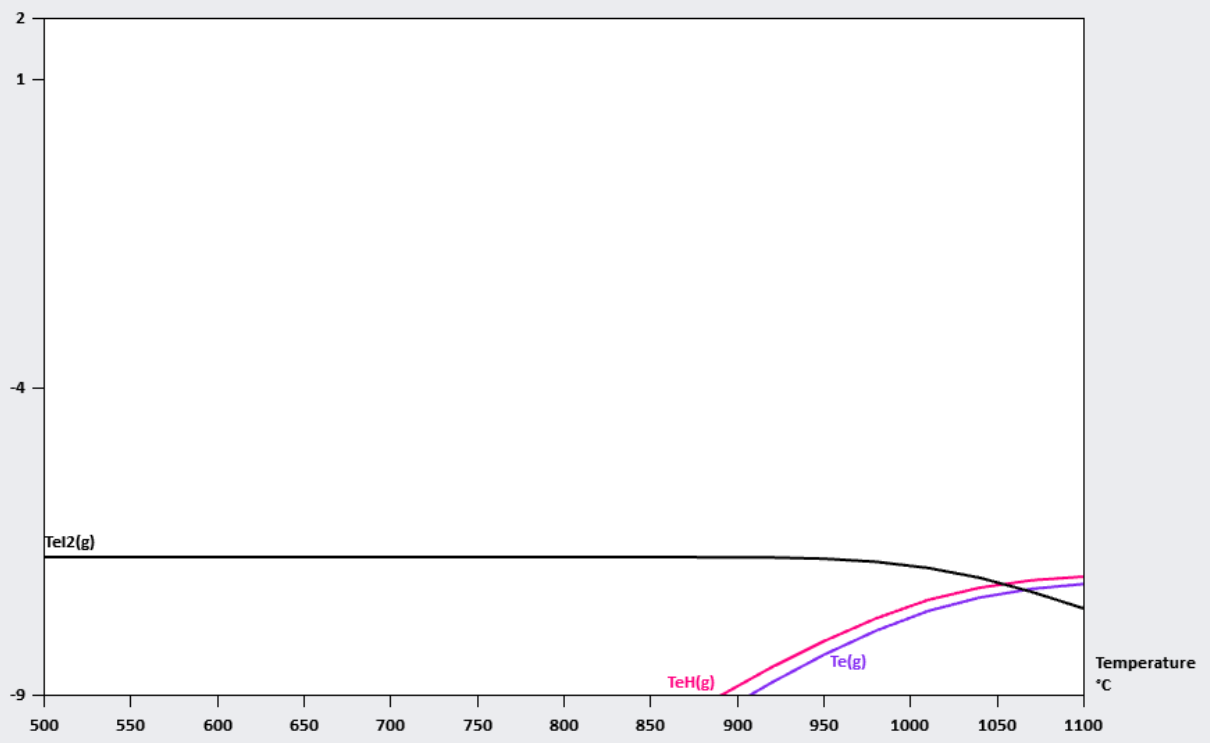


Chart parameters

Legend	Description	Phase
<input checked="" type="checkbox"/>	Te(g)	1
<input checked="" type="checkbox"/>	TeH(g)	1
<input checked="" type="checkbox"/>	TeI <sub>2</sub> (g)	1

- H
- O
- C
- S
- Cl
- Br
- I
- F
- N
- Si
- K
- Na
- Al
- Fe
- Cd
- W
- Tl
- Te
- Mo
- Re
- Ca
- Mg
- Cu
- Au
- Mn
- Pb
- As
- Sn
- Ti
- Zr
- V
- Ni
- Zn
- In
- Bi
- All elements



Equilibrium Composition, Log(mol %)

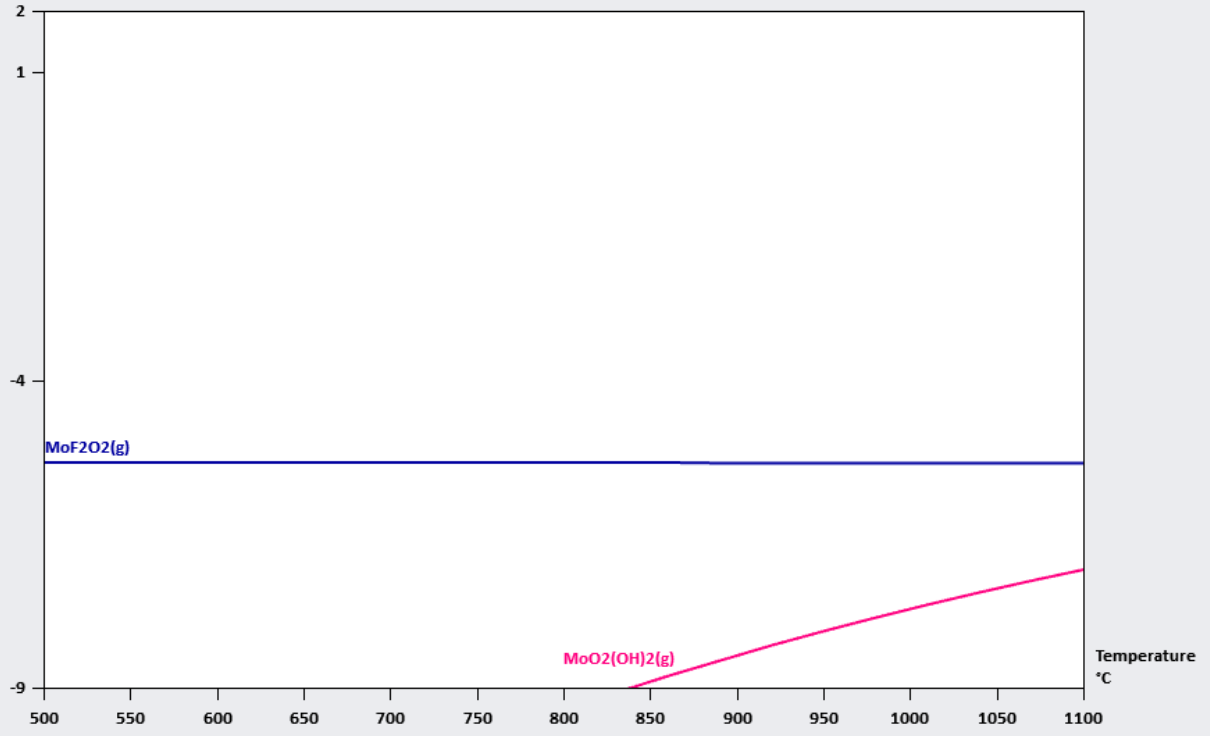


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	Mo(g)	1	H
<input checked="" type="checkbox"/>	MoF3O(g)	1	O
<input checked="" type="checkbox"/>	MoF2O2(g)	1	C
<input checked="" type="checkbox"/>	MoO2(OH)2(g)	1	S
			Cl
			Br
			I
			F
			N
			Si
			K
			Na
			Al
			Fe
			Cd
			W
			Tl
			Te
			Mo
			Re
			Ca
			Mg
			Cu
			Au
			Mn
			Pb
			As
			Sn
			Ti
			Zr
			V
			Ni
			Zn
			In
			Bi
			All elements



Equilibrium Composition, Log(mol %)

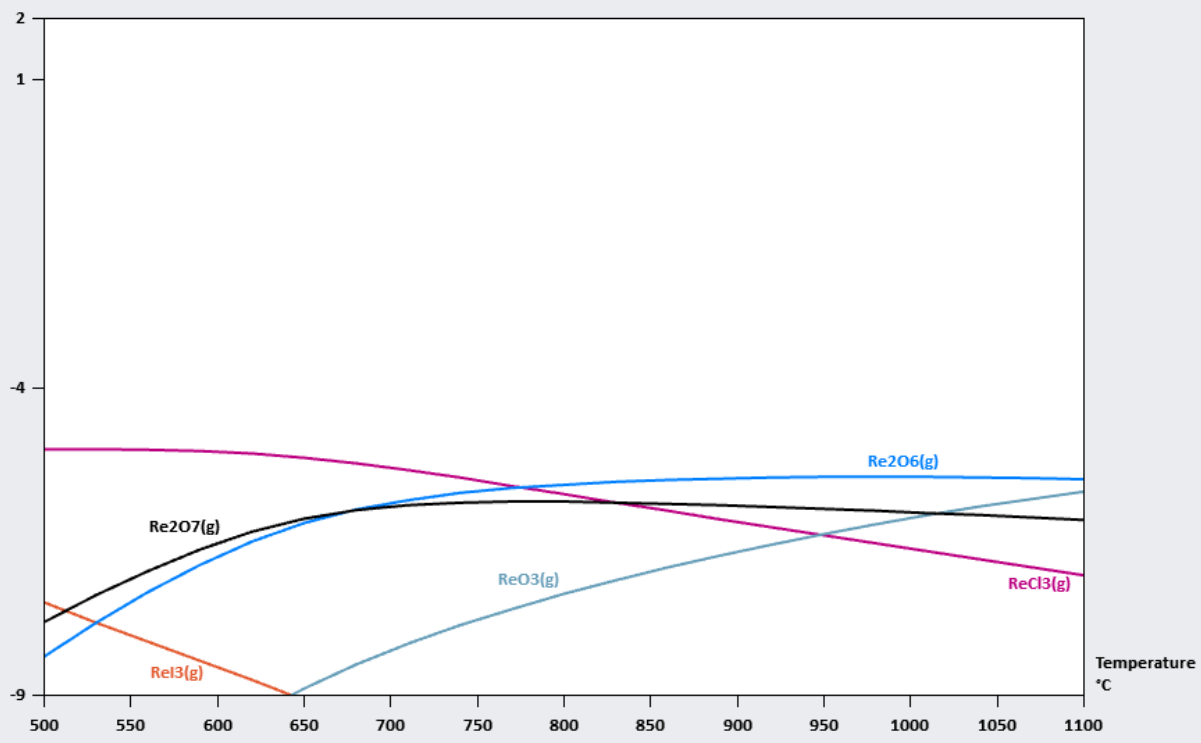


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	Re(g)	1	H
<input checked="" type="checkbox"/>	ReBr3(g)	1	O
<input checked="" type="checkbox"/>	ReCl3(g)	1	C
<input checked="" type="checkbox"/>	ReI3(g)	1	S
<input checked="" type="checkbox"/>	ReO2(g)	1	Cl
<input checked="" type="checkbox"/>	ReO3(g)	1	Br
<input checked="" type="checkbox"/>	Re2O6(g)	1	I
<input checked="" type="checkbox"/>	Re2O7(g)	1	F
			N
			Si
			K
			Na
			Al
			Fe
			Cd
			W
			Tl
			Te
			Mo
			Re
			Ca
			Mg
			Cu
			Au
			Mn
			Pb
			As
			Sn
			Ti
			Zr
			V
			Ni
			Zn
			In
			Bi
			All elements



Equilibrium Composition, Log(mol %)

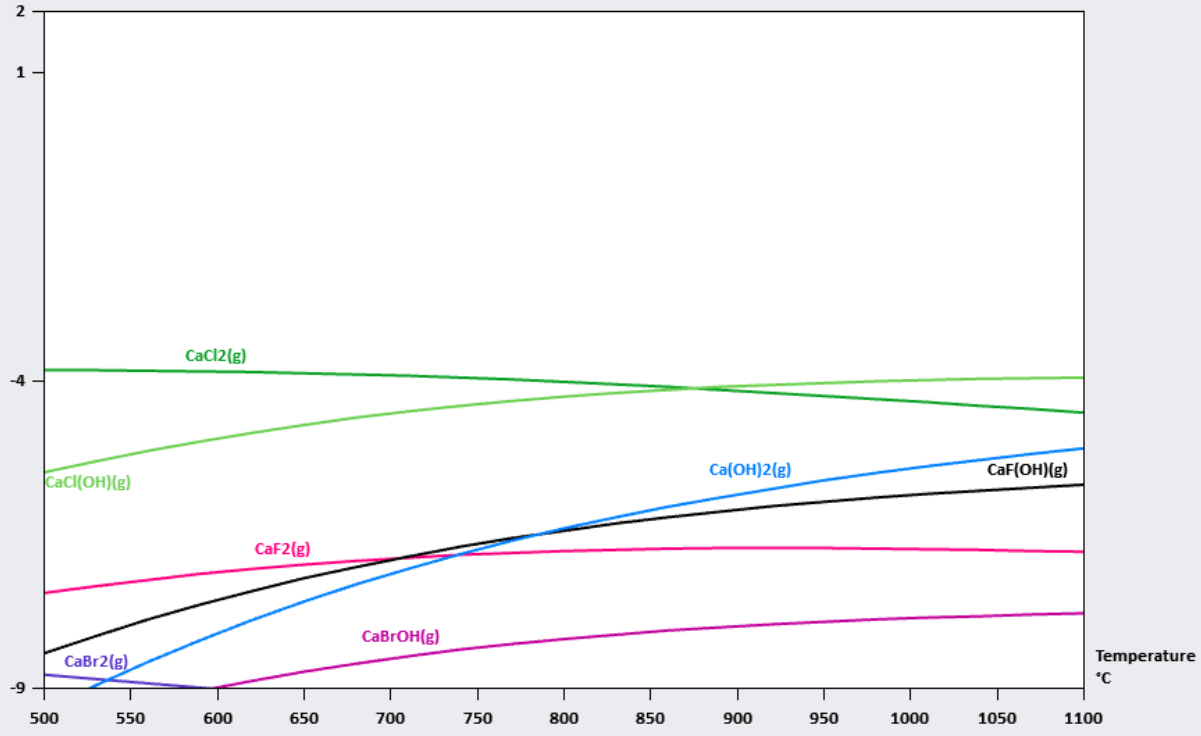


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	Ca(g)	1	H
<input checked="" type="checkbox"/>	CaBr <sub>2</sub> (g)	1	O
<input checked="" type="checkbox"/>	CaBrOH(g)	1	C
<input checked="" type="checkbox"/>	CaCl <sub>2</sub> (g)	1	S
<input checked="" type="checkbox"/>	CaCl(OH)(g)	1	Cl
<input checked="" type="checkbox"/>	CaCl <sub>2</sub> (g)	1	Br
<input checked="" type="checkbox"/>	CaCl(OH)(g)	1	I
<input checked="" type="checkbox"/>	CaF <sub>2</sub> (g)	1	F
<input checked="" type="checkbox"/>	CaF <sub>2</sub> (g)	1	N
<input checked="" type="checkbox"/>	CaF(OH)(g)	1	Si
<input checked="" type="checkbox"/>	Ca(OH) <sub>2</sub> (g)	1	K
<input checked="" type="checkbox"/>	Ca(OH) <sub>2</sub> (g)	1	Na
			Al
			Fe
			Cd
			W
			Tl
			Te
			Mo
			Re
			Ca
			Mg
			Cu
			Au
			Mn
			Pb
			As
			Sn
			Tl
			Zr
			V
			Ni
			Zn
			In
			Bi
			All elements



Equilibrium Composition, Log(mol %)

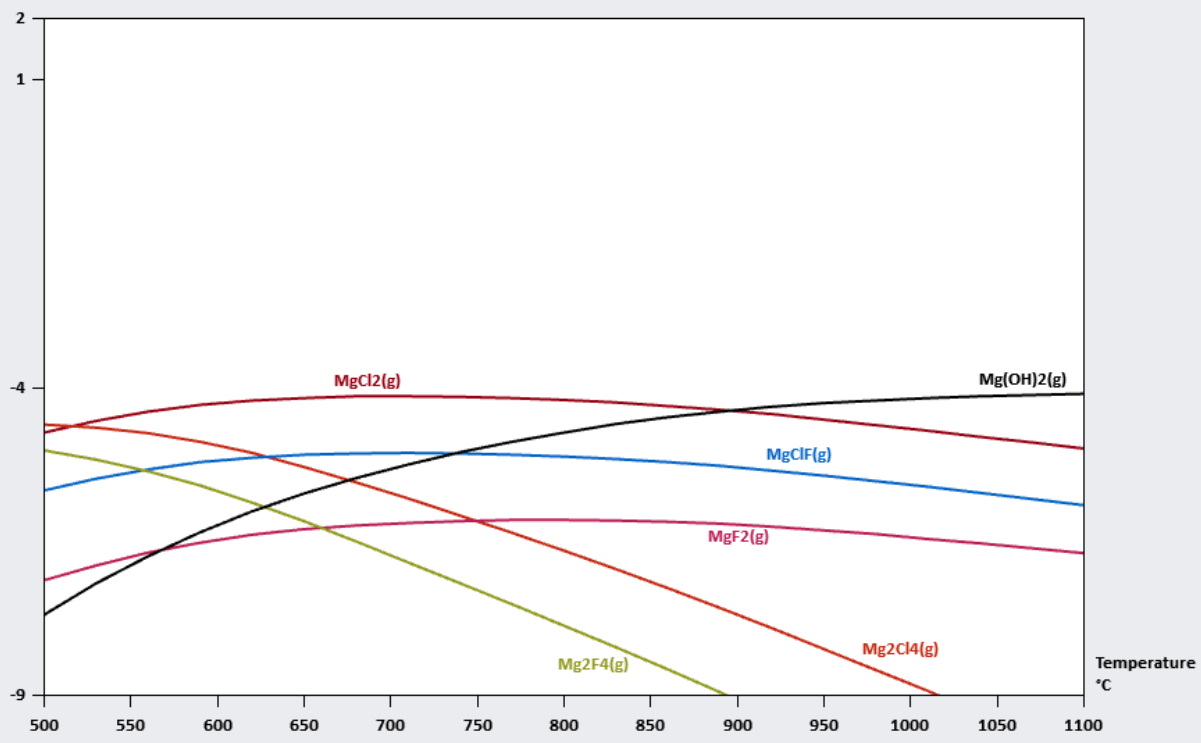


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	Mg(g)	1	H
<input checked="" type="checkbox"/>	MgBr <sub>2</sub> (g)	1	O
<input checked="" type="checkbox"/>	MgCl <sub>2</sub> (g)	1	C
<input checked="" type="checkbox"/>	Mg <sub>2</sub> Cl <sub>4</sub> (g)	1	S
<input checked="" type="checkbox"/>	MgClF(g)	1	Cl
<input checked="" type="checkbox"/>	MgF <sub>2</sub> (g)	1	Br
<input checked="" type="checkbox"/>	Mg <sub>2</sub> F <sub>4</sub> (g)	1	I
<input checked="" type="checkbox"/>	MgOH(g)	1	F
<input checked="" type="checkbox"/>	Mg(OH) <sub>2</sub> (g)	1	N
			N
			Si
			K
			Na
			Al
			Fe
			Cd
			W
			Tl
			Te
			Mo
			Re
			Ca
			Mg
			Cu
			Au
			Mn
			Pb
			As
			Sn
			Tl
			Zr
			V
			Ni
			Zn
			In
			Bi
			All elements



Equilibrium Composition, Log(mol %)

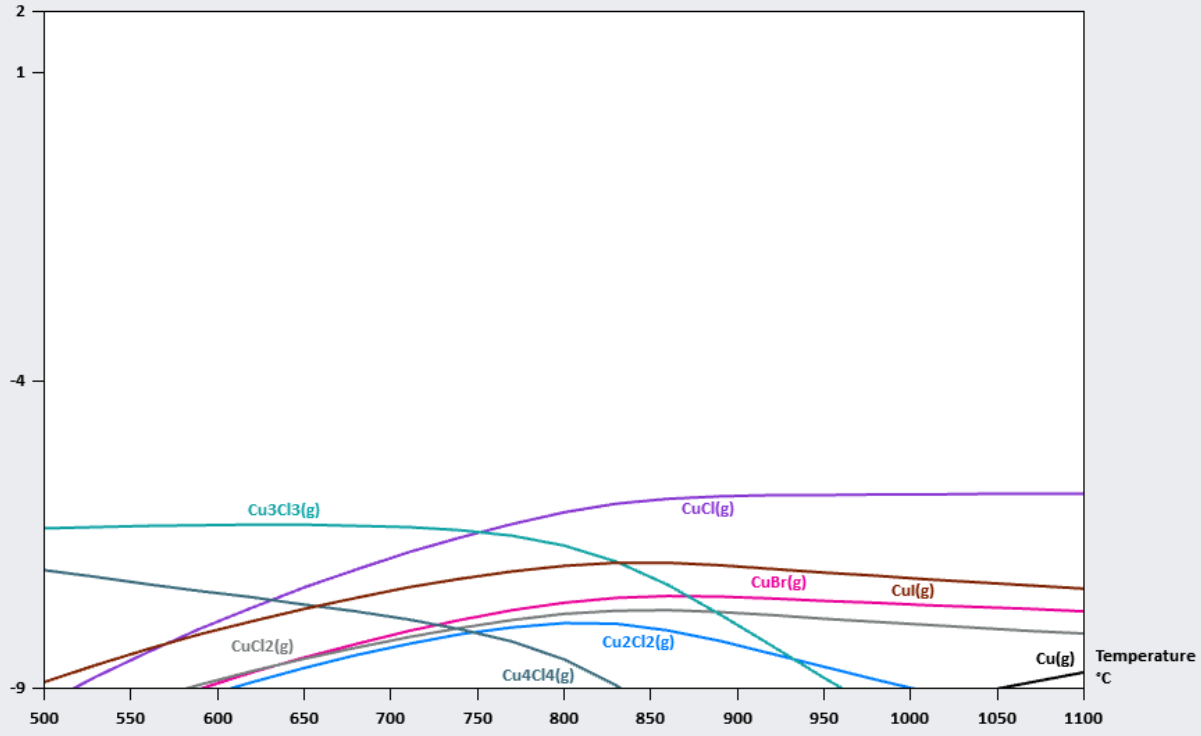


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	Cu(g)	1	H
<input checked="" type="checkbox"/>	CuBr(g)	1	O
<input checked="" type="checkbox"/>	CuCl(g)	1	C
<input checked="" type="checkbox"/>	CuCl <sub>2</sub> (g)	1	S
<input checked="" type="checkbox"/>	Cu <sub>2</sub> Cl <sub>2</sub> (g)	1	Cl
<input checked="" type="checkbox"/>	Cu <sub>3</sub> Cl <sub>3</sub> (g)	1	Br
<input checked="" type="checkbox"/>	Cu <sub>4</sub> Cl <sub>4</sub> (g)	1	I
<input checked="" type="checkbox"/>	CuH(g)	1	F
<input checked="" type="checkbox"/>	CuI(g)	1	N
			Si
			K
			Na
			Al
			Fe
			Cd
			W
			Tl
			Te
			Mo
			Re
			Ca
			Mg
			Cu
			Au
			Mn
			Pb
			As
			Sn
			Tl
			Zr
			V
			Ni
			Zn
			In
			Bi
			All elements



Equilibrium Composition, Log(mol %)

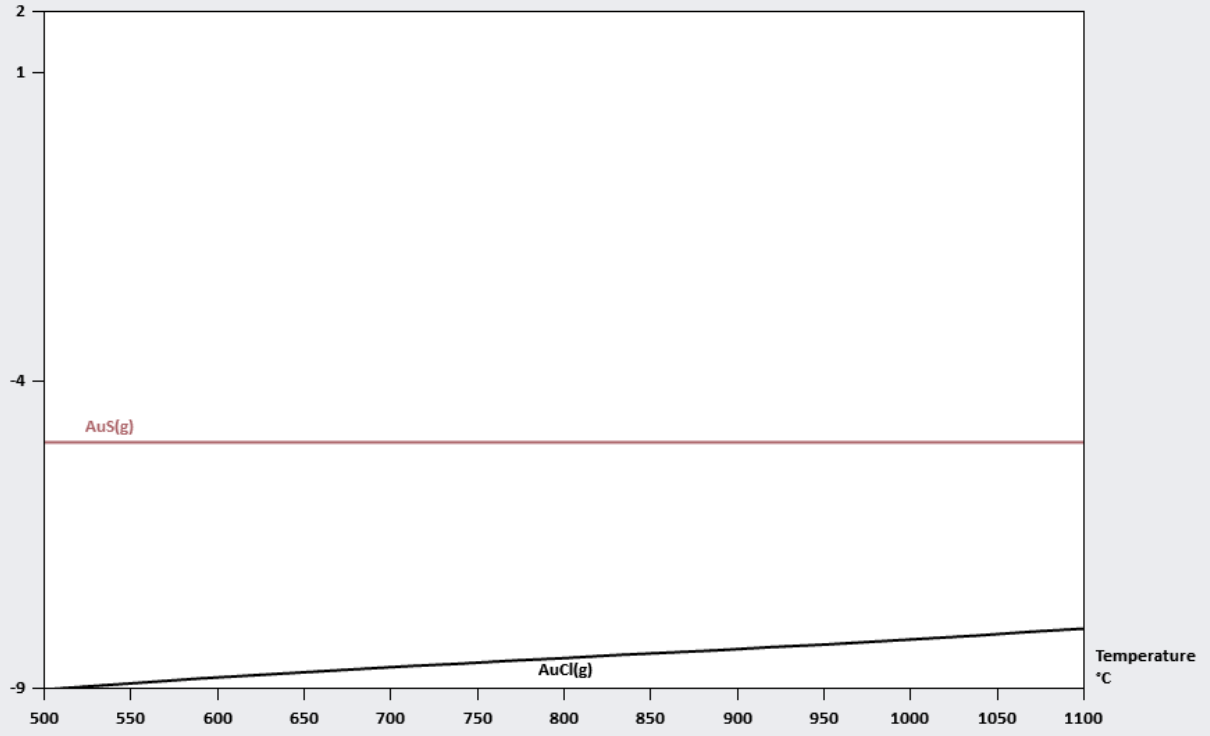


Chart parameters

Legend	Description	Phase
<input checked="" type="checkbox"/>	AuS(g)	1
<input checked="" type="checkbox"/>	AuCl(g)	1
<input checked="" type="checkbox"/>	Au(g)	1

Element list:

- H
- O
- C
- S
- Cl
- Br
- I
- F
- N
- Si
- K
- Na
- Al
- Fe
- Cd
- W
- Tl
- Te
- Mo
- Re
- Ca
- Mg
- Cu
- Au**
- Mn
- Pb
- As
- Sn
- Ti
- Zr
- V
- Ni
- Zn
- In
- Bi
- All elements



Equilibrium Composition, Log(mol %)

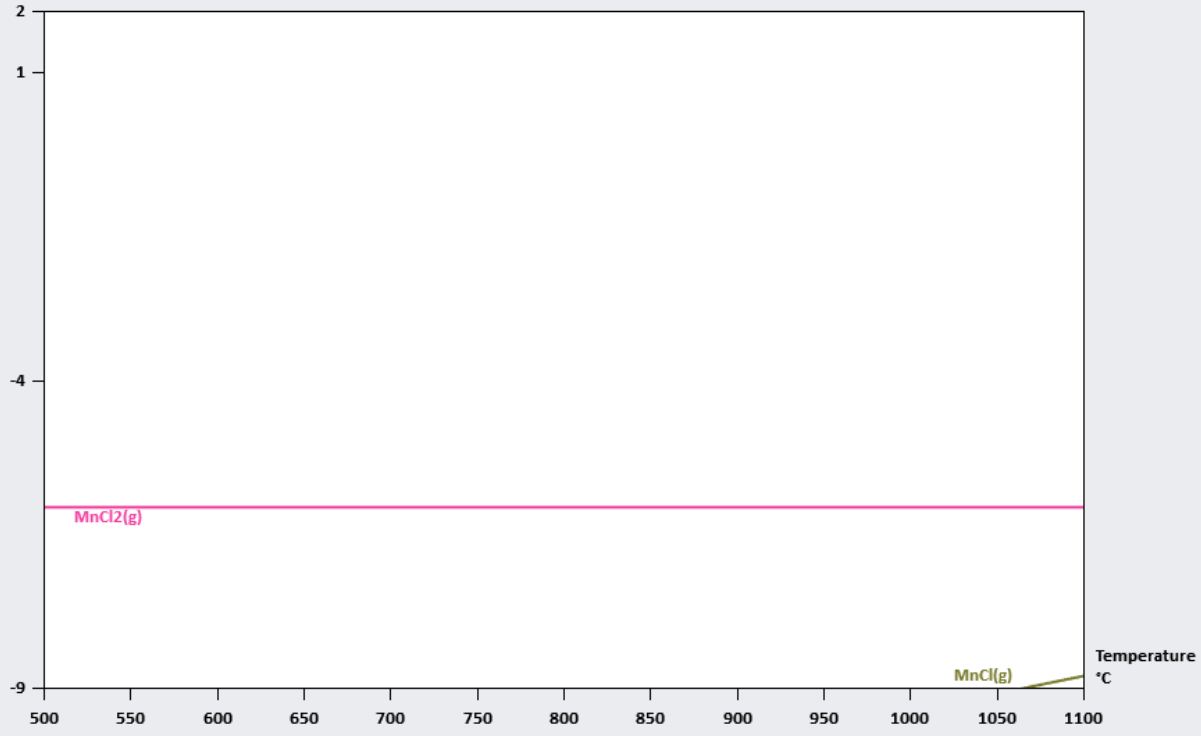


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	Mn(g)	1	H
<input checked="" type="checkbox"/>	MnCl(g)	1	O
<input checked="" type="checkbox"/>	MnCl <sub>2</sub> (g)	1	C
			S
			Cl
			Br
			I
			F
			N
			Si
			K
			Na
			Al
			Fe
			Cd
			W
			Tl
			Te
			Mo
			Re
			Ca
			Mg
			Cu
			Au
			Mn
			Pb
			As
			Sn
			Tl
			Zr
			V
			Ni
			Zn
			In
			Bi
			All elements





Equilibrium Composition, Log(mol %)

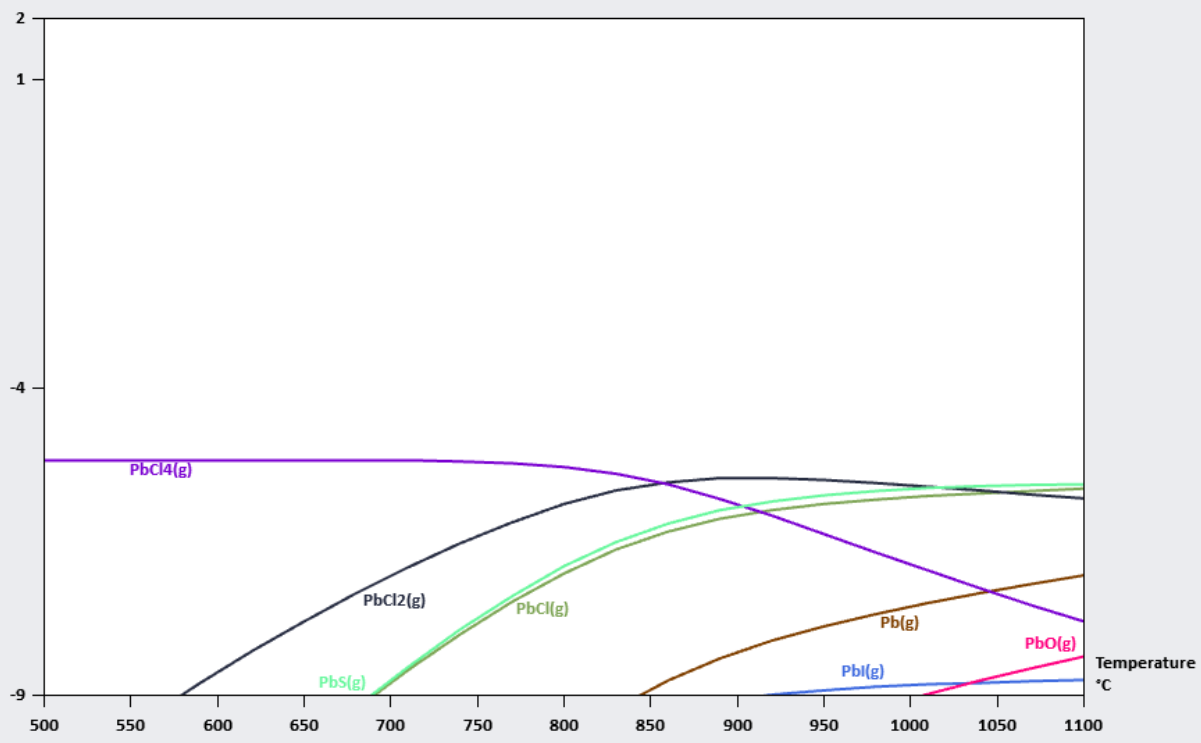


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	Pb(g)	1	H
<input checked="" type="checkbox"/>	PbCl(g)	1	O
<input checked="" type="checkbox"/>	PbCl <sub>2</sub> (g)	1	C
<input checked="" type="checkbox"/>	PbCl <sub>4</sub> (g)	1	S
<input checked="" type="checkbox"/>	PbI(g)	1	Cl
<input checked="" type="checkbox"/>	PbO(g)	1	Br
<input checked="" type="checkbox"/>	PbS(g)	1	I
			F
			N
			Si
			K
			Na
			Al
			Fe
			Cd
			W
			Tl
			Te
			Mo
			Re
			Ca
			Mg
			Cu
			Au
			Mn
			Pb
			As
			Sn
			Tl
			Zr
			V
			Ni
			Zn
			In
			Bi
			All elements



Equilibrium Composition, Log(mol %)

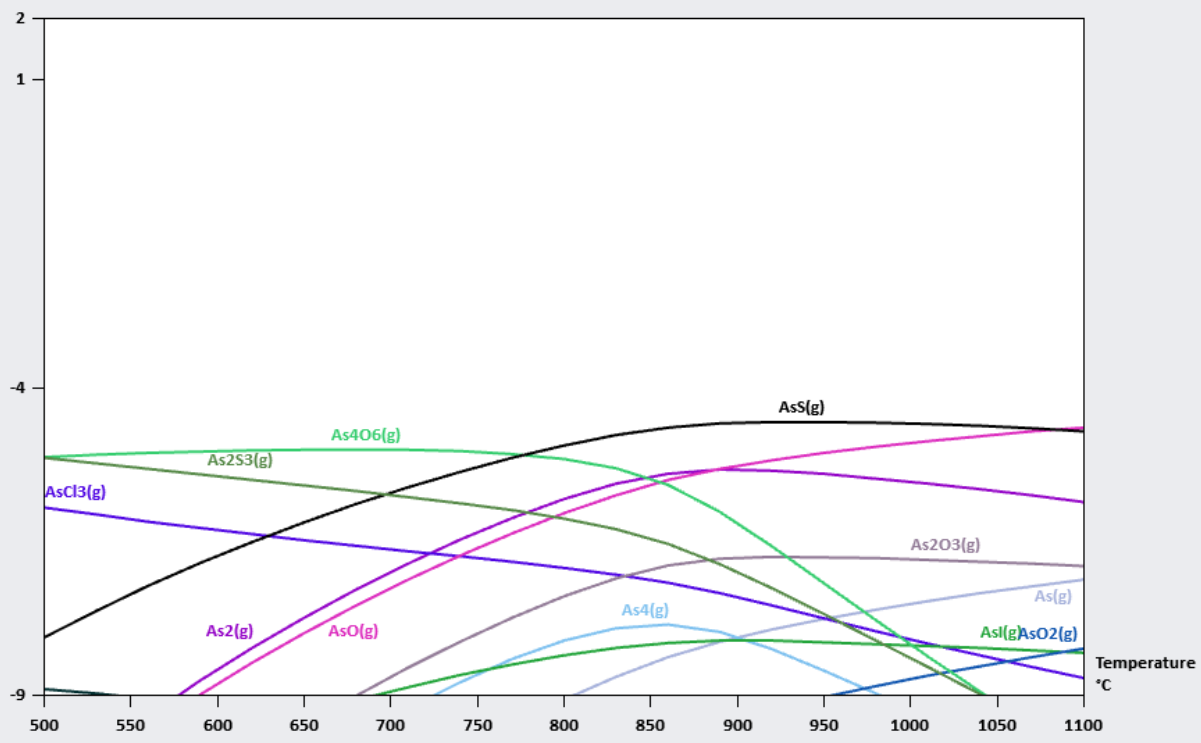


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	As(g)	1	H
<input checked="" type="checkbox"/>	As <sub>2</sub> (g)	1	O
<input checked="" type="checkbox"/>	As <sub>4</sub> (g)	1	C
<input checked="" type="checkbox"/>	AsCl <sub>3</sub> (g)	1	S
<input checked="" type="checkbox"/>	AsI(g)	1	Cl
<input checked="" type="checkbox"/>	AsO(g)	1	Br
<input checked="" type="checkbox"/>	AsO <sub>2</sub> (g)	1	I
<input checked="" type="checkbox"/>	As <sub>2</sub> O <sub>3</sub> (g)	1	F
<input checked="" type="checkbox"/>	As <sub>4</sub> O <sub>6</sub> (g)	1	N
<input checked="" type="checkbox"/>	AsS(g)	1	Si
<input checked="" type="checkbox"/>	As <sub>2</sub> S <sub>3</sub> (g)	1	K
<input checked="" type="checkbox"/>	As <sub>4</sub> S <sub>4</sub> (g)	1	Na
<input checked="" type="checkbox"/>			Al
<input checked="" type="checkbox"/>			Fe
<input checked="" type="checkbox"/>			Cd
<input checked="" type="checkbox"/>			W
<input checked="" type="checkbox"/>			Tl
<input checked="" type="checkbox"/>			Te
<input checked="" type="checkbox"/>			Mo
<input checked="" type="checkbox"/>			Re
<input checked="" type="checkbox"/>			Ca
<input checked="" type="checkbox"/>			Mg
<input checked="" type="checkbox"/>			Cu
<input checked="" type="checkbox"/>			Au
<input checked="" type="checkbox"/>			Mn
<input checked="" type="checkbox"/>			Pb
<input checked="" type="checkbox"/>			As
<input checked="" type="checkbox"/>			Sn
<input checked="" type="checkbox"/>			Tl
<input checked="" type="checkbox"/>			Zr
<input checked="" type="checkbox"/>			V
<input checked="" type="checkbox"/>			Ni
<input checked="" type="checkbox"/>			Zn
<input checked="" type="checkbox"/>			In
<input checked="" type="checkbox"/>			Bi
<input checked="" type="checkbox"/>			All elements



Equilibrium Composition, Log(mol %)

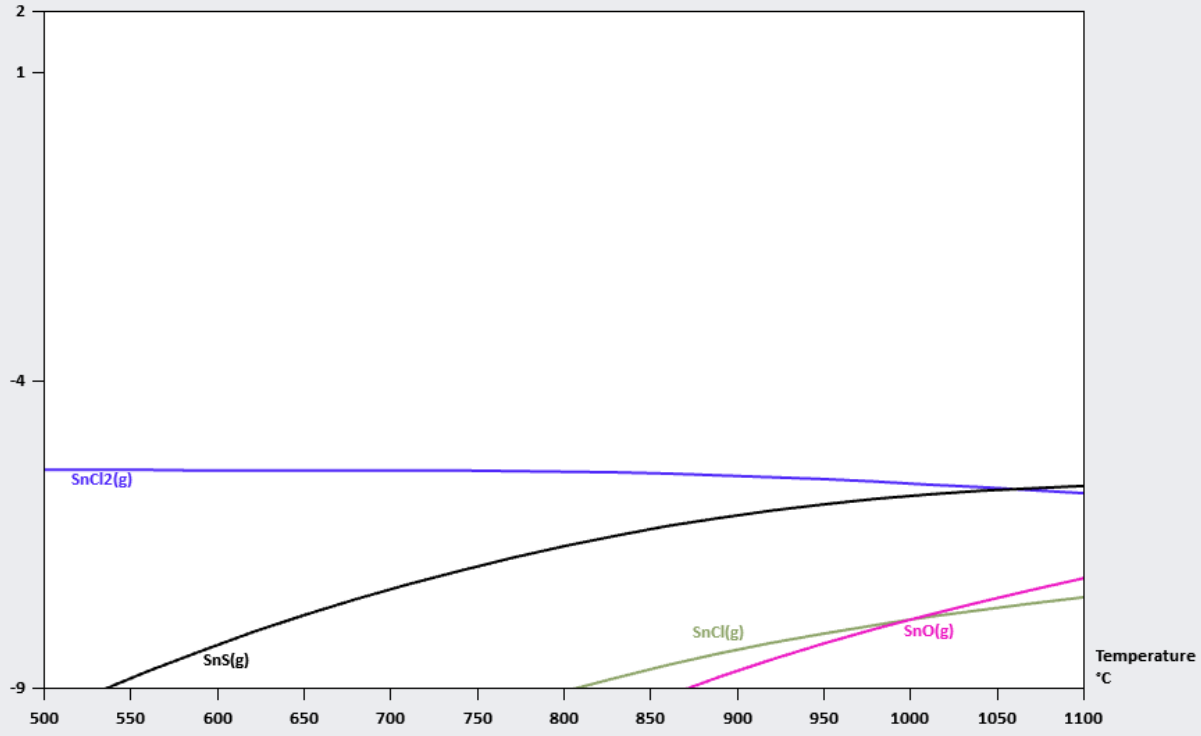


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	Sn(g)	1	H
<input checked="" type="checkbox"/>	SnCl(g)	1	O
<input checked="" type="checkbox"/>	SnCl <sub>2</sub> (g)	1	C
<input checked="" type="checkbox"/>	SnO(g)	1	S
<input checked="" type="checkbox"/>	SnS(g)	1	Cl
			Br
			I
			F
			N
			Si
			K
			Na
			Al
			Fe
			Cd
			W
			Tl
			Te
			Mo
			Re
			Ca
			Mg
			Cu
			Au
			Mn
			Pb
			As
			Sn
			Tl
			Zr
			V
			Ni
			Zn
			In
			Bi
			All elements



Equilibrium Composition, Log(mol %)

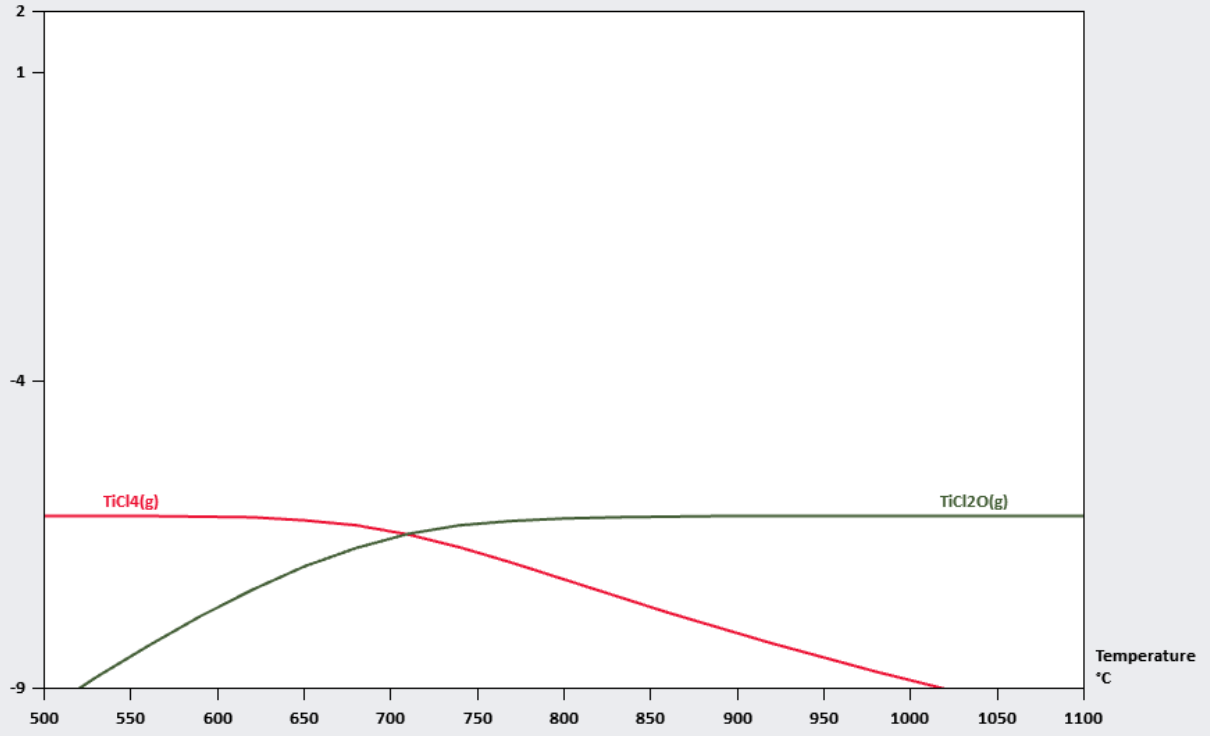


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	Ti(g)	1	H
<input checked="" type="checkbox"/>	TiCl <sub>4</sub> (g)	1	O
<input checked="" type="checkbox"/>	TiCl <sub>2</sub> O(g)	1	C
<input checked="" type="checkbox"/>	TiO <sub>2</sub> (g)	1	S

- H
- O
- C
- S
- Cl
- Br
- I
- F
- N
- Si
- K
- Na
- Al
- Fe
- Cd
- W
- Tl
- Te
- Mo
- Re
- Ca
- Mg
- Cu
- Au
- Mn
- Pb
- As
- Sn
- Ti
- Zr
- V
- Ni
- Zn
- In
- Bi
- All elements



Equilibrium Composition, Log(mol %)

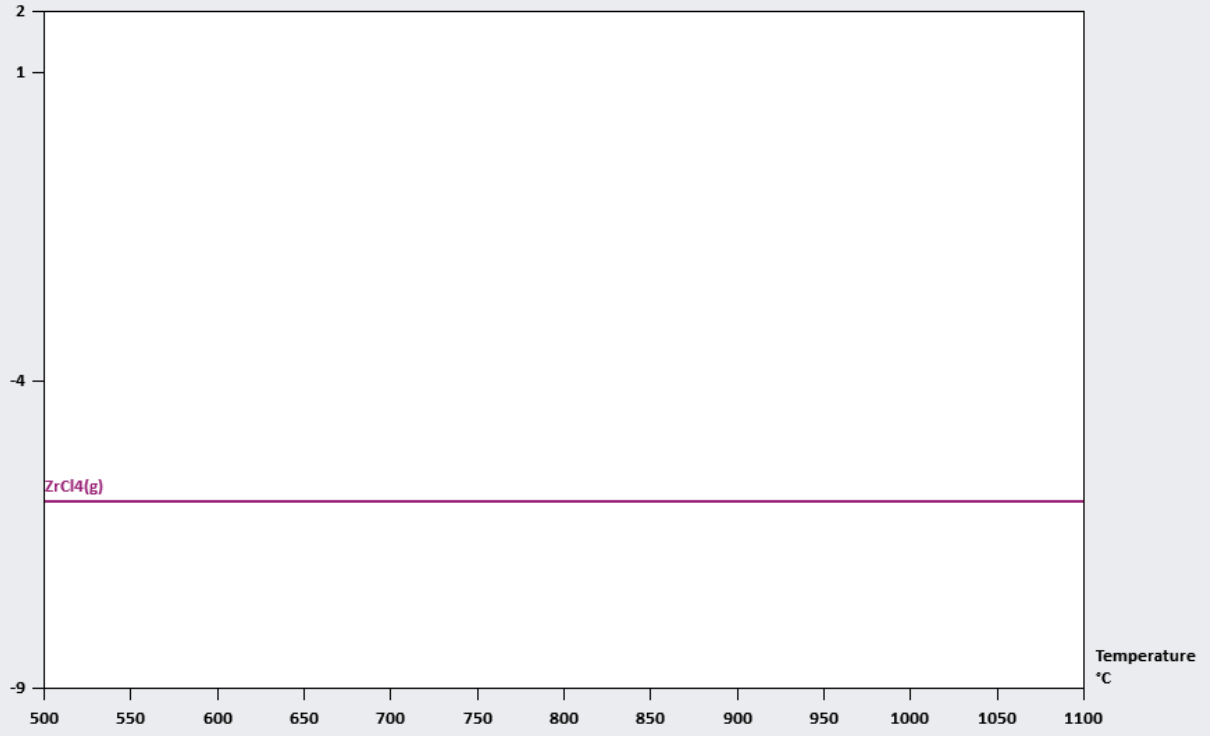


Chart parameters

Legend	Description	Phase
<input checked="" type="checkbox"/>	Zr(g)	1
<input checked="" type="checkbox"/>	ZrCl4(g)	1
<input checked="" type="checkbox"/>	ZrO2(g)	1

Element list:

- H
- O
- C
- S
- Cl
- Br
- I
- F
- N
- Si
- K
- Na
- Al
- Fe
- Cd
- W
- Tl
- Te
- Mo
- Re
- Ca
- Mg
- Cu
- Au
- Mn
- Pb
- As
- Sn
- Ti
- Zr
- V
- Ni
- Zn
- In
- Bi
- All elements



Equilibrium Composition, Log(mol %)

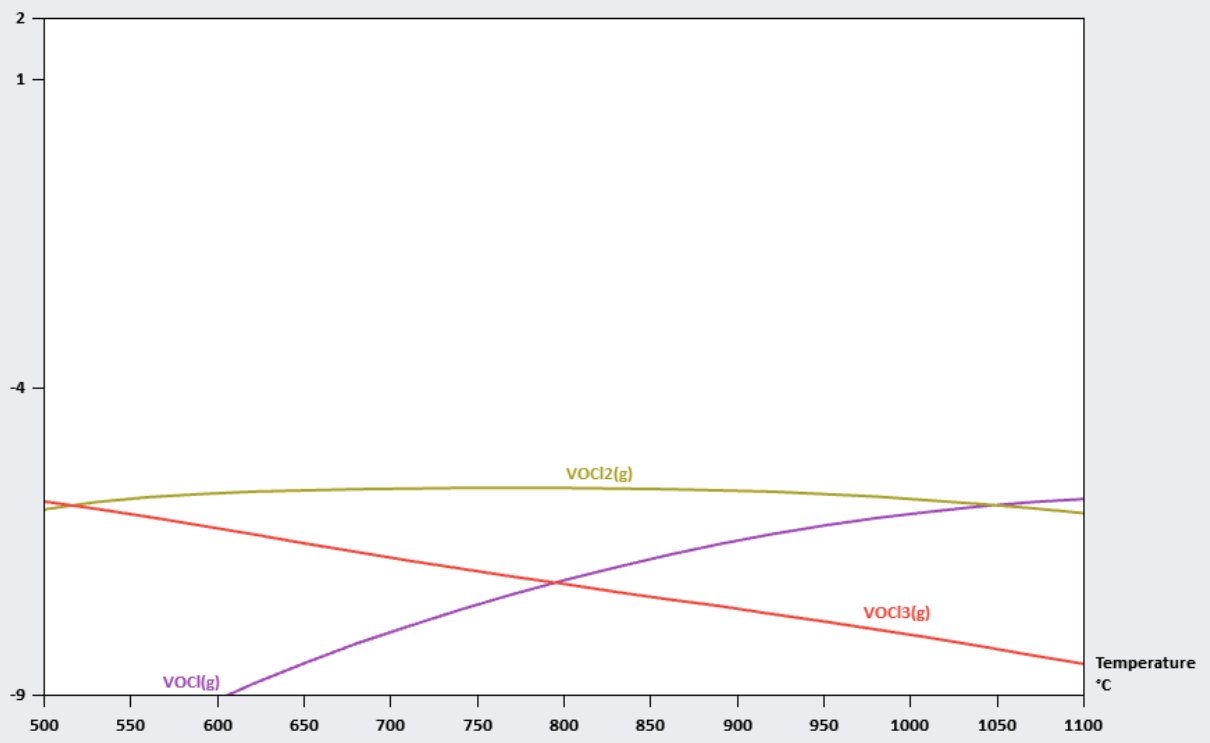


Chart parameters

Legend	Description	Phase
<input checked="" type="checkbox"/>	V(g)	1
<input checked="" type="checkbox"/>	VO <sub>2</sub> (g)	1
<input checked="" type="checkbox"/>	VOCl(g)	1
<input checked="" type="checkbox"/>	VOCl <sub>2</sub> (g)	1
<input checked="" type="checkbox"/>	VOCl <sub>3</sub> (g)	1

- H
- O
- C
- S
- Cl
- Br
- I
- F
- N
- Si
- K
- Na
- Al
- Fe
- Cd
- W
- Tl
- Te
- Mo
- Re
- Ca
- Mg
- Cu
- Au
- Mn
- Pb
- As
- Sn
- Ti
- Zr
- V
- Ni
- Zn
- In
- Bi
- All elements



Equilibrium Composition, Log(mol %)

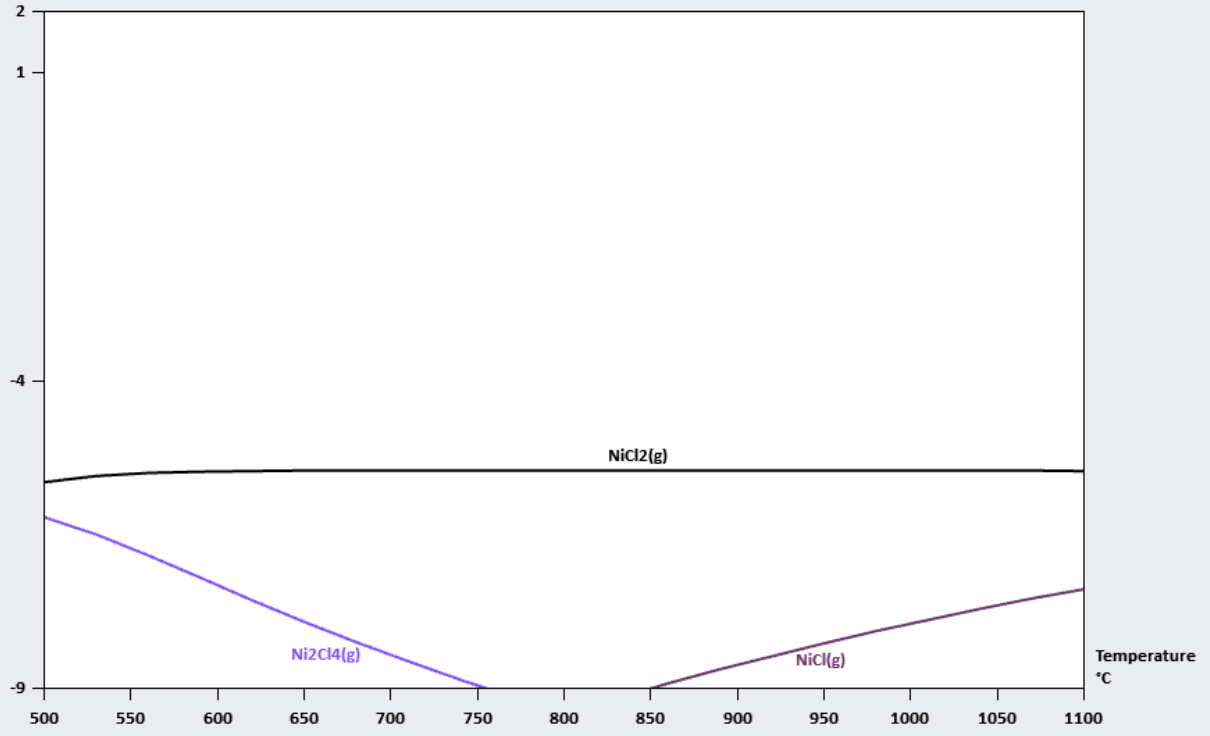


Chart parameters

Description	Phase
<input checked="" type="checkbox"/> Ni(g)	1
<input checked="" type="checkbox"/> NiBr(g)	1
<input checked="" type="checkbox"/> NiCl(g)	1
<input checked="" type="checkbox"/> NiCl <sub>2</sub> (g)	1
<input checked="" type="checkbox"/> Ni <sub>2</sub> Cl <sub>4</sub> (g)	1
<input checked="" type="checkbox"/> NiI(g)	1
<input checked="" type="checkbox"/> NiS(g)	1

Legend

- H
- O
- C
- S
- Cl
- Br
- I
- F
- N
- Si
- K
- Na
- Al
- Fe
- Cd
- W
- Tl
- Te
- Mo
- Re
- Ca
- Mg
- Cu
- Au
- Mn
- Pb
- As
- Sn
- Ti
- Zr
- V
- Ni
- Zn
- In
- Bi
- All elements



Equilibrium Composition, Log(mol %)

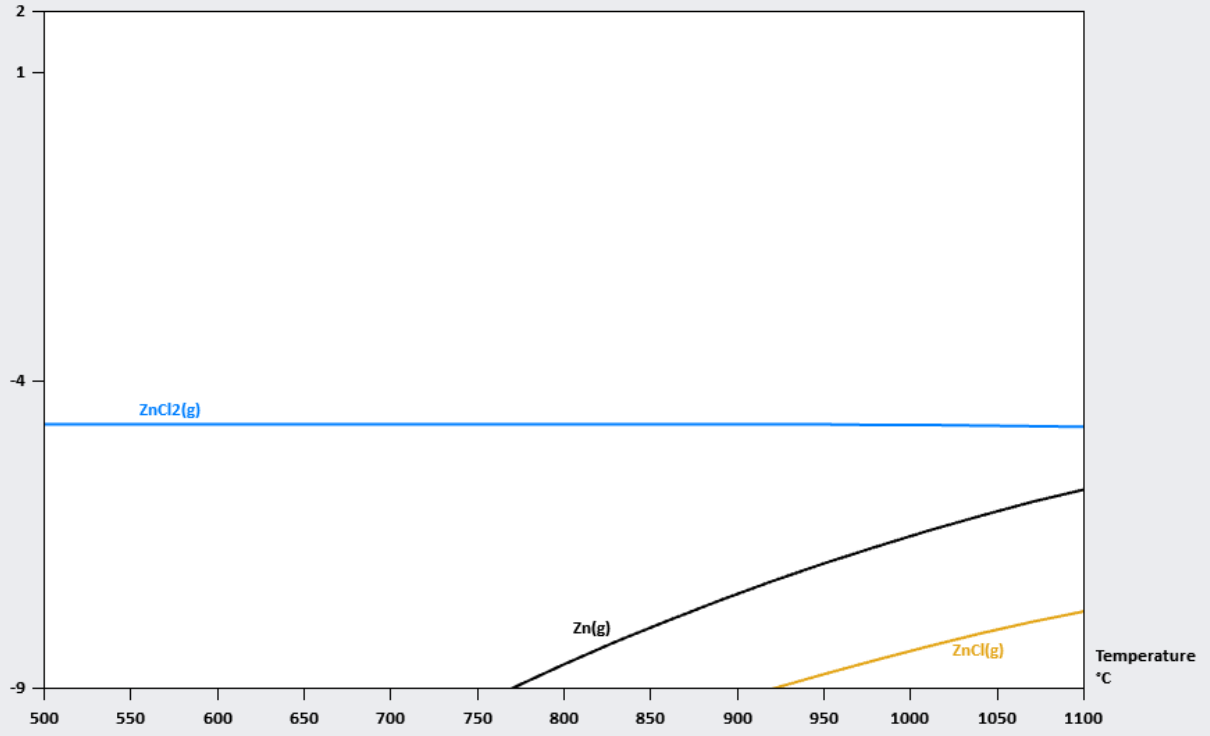


Chart parameters

Legend	Description	Phase
<input checked="" type="checkbox"/>	Zn(g)	1
<input checked="" type="checkbox"/>	ZnCl(g)	1
<input checked="" type="checkbox"/>	ZnCl2(g)	1

Element list: H, O, C, S, Cl, Br, I, F, N, Si, K, Na, Al, Fe, Cd, W, Ti, Te, Mo, Re, Ca, Mg, Cu, Au, Mn, Pb, As, Sn, Ti, Zr, V, Ni, Zn, In, Bi, All elements





Equilibrium Composition, Log(mol %)

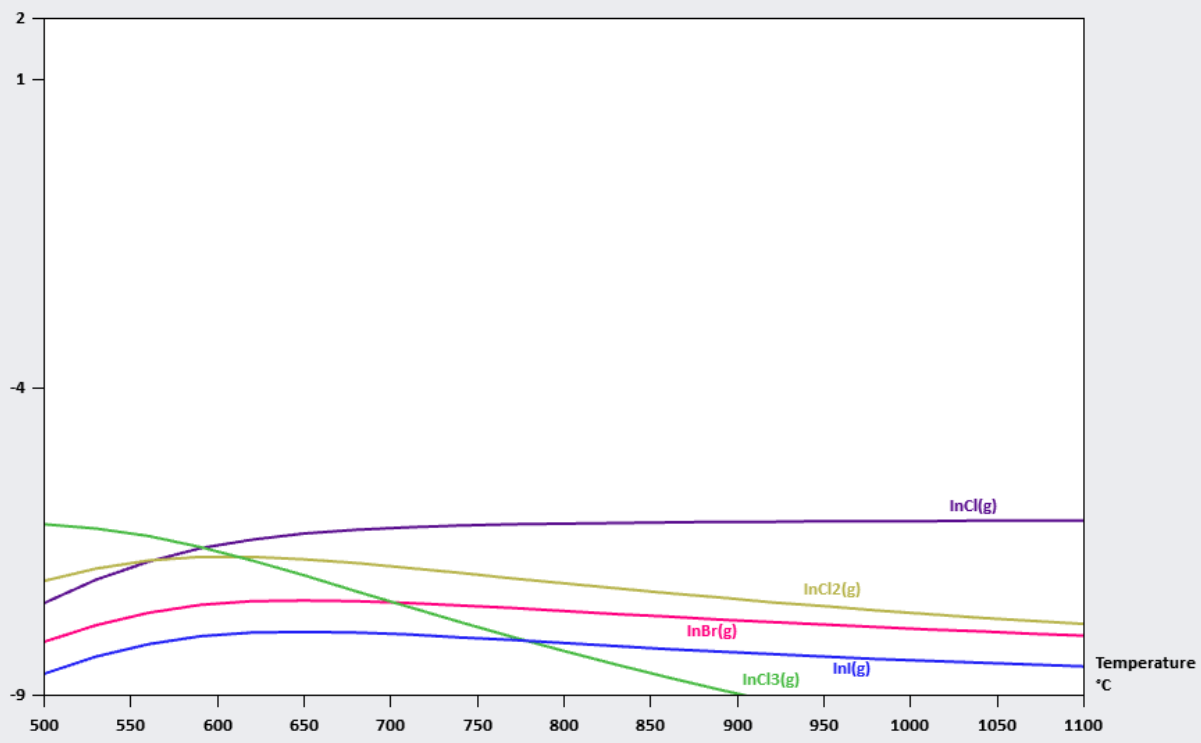


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	In(g)	1	H
<input checked="" type="checkbox"/>	InBr(g)	1	O
<input checked="" type="checkbox"/>	InCl(g)	1	C
<input checked="" type="checkbox"/>	InCl <sub>2</sub> (g)	1	S
<input checked="" type="checkbox"/>	InCl <sub>3</sub> (g)	1	Cl
<input checked="" type="checkbox"/>	InI(g)	1	Br
			I
			F
			N
			Si
			K
			Na
			Al
			Fe
			Cd
			W
			Tl
			Te
			Mo
			Re
			Ca
			Mg
			Cu
			Au
			Mn
			Pb
			As
			Sn
			Ti
			Zr
			V
			Ni
			Zn
			In
			Bi
			All elements



Equilibrium Composition, Log(mol %)

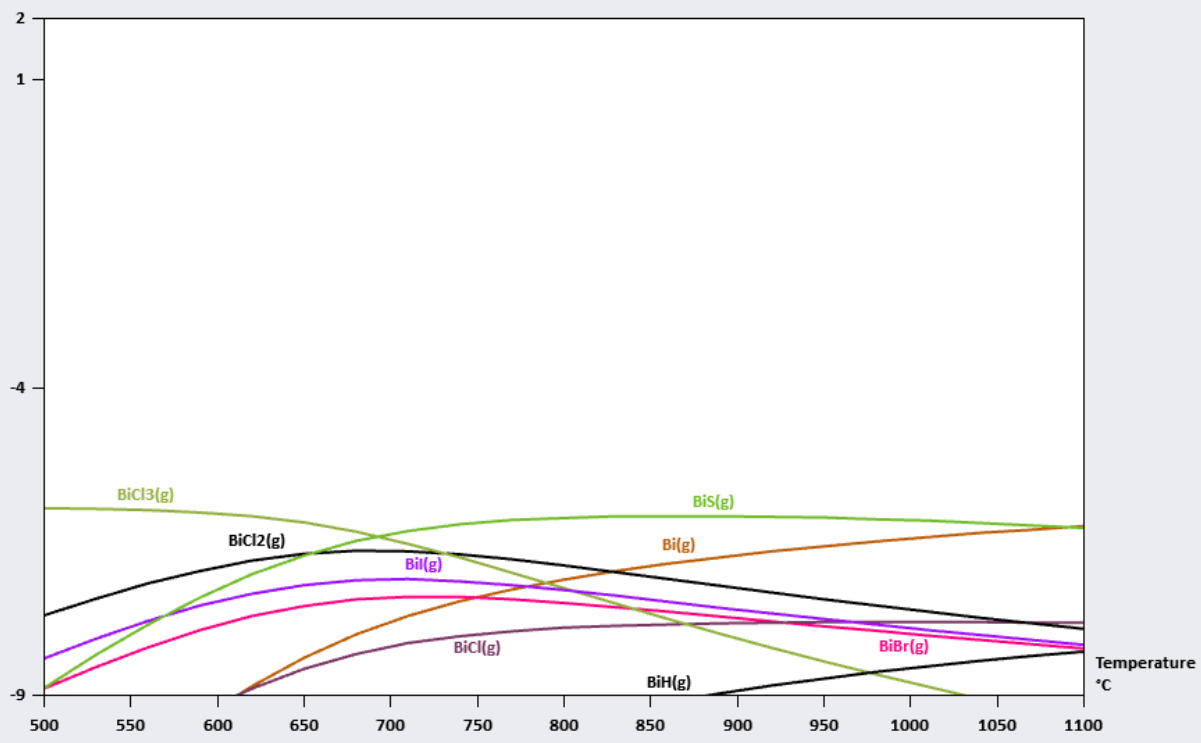


Chart parameters

Legend	Description	Phase	
<input checked="" type="checkbox"/>	Bi(g)	1	H
<input checked="" type="checkbox"/>	Bi <sub>2</sub> (g)	1	O
<input checked="" type="checkbox"/>	Bi <sub>3</sub> (g)	1	C
<input checked="" type="checkbox"/>	Bi <sub>4</sub> (g)	1	S
<input checked="" type="checkbox"/>	BiBr(g)	1	Cl
<input checked="" type="checkbox"/>	BiBr <sub>3</sub> (g)	1	Br
<input checked="" type="checkbox"/>	BiCl(g)	1	I
<input checked="" type="checkbox"/>	BiCl <sub>2</sub> (g)	1	F
<input checked="" type="checkbox"/>	BiCl <sub>3</sub> (g)	1	N
<input checked="" type="checkbox"/>	BiCl(g)	1	Si
<input checked="" type="checkbox"/>	BiCl <sub>2</sub> (g)	1	K
<input checked="" type="checkbox"/>	BiCl <sub>3</sub> (g)	1	Na
<input checked="" type="checkbox"/>	BiF(g)	1	Al
<input checked="" type="checkbox"/>	BiF <sub>2</sub> (g)	1	Fe
<input checked="" type="checkbox"/>	BiF <sub>3</sub> (g)	1	Cd
<input checked="" type="checkbox"/>	BiH(g)	1	W
<input checked="" type="checkbox"/>	BiH <sub>3</sub> (g)	1	Tl
<input checked="" type="checkbox"/>	BiI(g)	1	Te
<input checked="" type="checkbox"/>	BiI <sub>3</sub> (g)	1	Mo
<input checked="" type="checkbox"/>	BiO(g)	1	Re
<input checked="" type="checkbox"/>	Bi <sub>2</sub> O(Bg)	1	Ca
<input checked="" type="checkbox"/>	Bi <sub>2</sub> O(Lg)	1	Mg
<input checked="" type="checkbox"/>	Bi <sub>2</sub> O <sub>2</sub> (g)	1	Cu
<input checked="" type="checkbox"/>	Bi <sub>2</sub> O <sub>3</sub> (g)	1	Au
<input checked="" type="checkbox"/>	Bi <sub>3</sub> O <sub>4</sub> (g)	1	Mn
<input checked="" type="checkbox"/>	Bi <sub>4</sub> O <sub>6</sub> (g)	1	Pb
<input checked="" type="checkbox"/>	Bi(OH) <sub>3</sub> (g)	1	As
<input checked="" type="checkbox"/>	Bi(OH) <sub>2</sub> Br(g)	1	Sn
<input checked="" type="checkbox"/>	Bi(OH) <sub>2</sub> Cl(g)	1	Tl
<input checked="" type="checkbox"/>	Bi(OH) <sub>2</sub> I(g)	1	Zr
<input checked="" type="checkbox"/>	BiS(g)	1	V
<input checked="" type="checkbox"/>	(BiS) <sub>2</sub> (g)	1	Ni
<input checked="" type="checkbox"/>			Zn
<input checked="" type="checkbox"/>			In
<input checked="" type="checkbox"/>			Bi
<input checked="" type="checkbox"/>			All elements