In vivo synthesis

	Li	B	Al	S	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Se	Rb	Sr	Y	Zr	Mo	Ag	Cd	In	Sn	Te	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	W	Au	Hg	Pb
In vivo synthesis at pH 7.5	NS	NS	NS		NS	NS			$Co(OH)_2$	$Ni(OH)_2$		ZnO	Se (a)	NS	NS	Y (a)	Zr (a)			$Cd(OH)_2$				$BaCO_3$	$La(OH)_3$	$Ce(OH)_3$	$Pr(OH)_3$	$Nd(OH)_3$	$Sm(OH)_3$	$Eu(OH)_3$	$Gd(OH)_3$	NS		Hg(a)	Pb (a)
In vivo synthesis at pH 6.5	NS	NS	NS		NS	NS	Mn_3O_4	Fe_3O_4	NS	NS	CuO_2	NS	Se (a)	NS	NS	Y (a)	Zr (a)	MoO_2	Ag	NS	$In(OH)_3$	SnO_2	Te	NS	La (a)	Ce (a)	Pr (a)	La (a)	Sm (a)	Eu (a)	Gd (a)	NS	Au	Hg (a)	Pb (a)

In vitro synthesis at pH 7.5 / *In vitro* synthesis at pH 6.5

	Li	B	Al	S	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Se	Rb	Sr	Y	Zr	Mo	Ag	Cd	In	Sn	Te	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	W	Au	Hg	Pb
	NS																															NS			
NS	NS	B	NS																																
NS	NS	Al		NS																															
		S		NS		NS			Mn_3O_4		CoO(OH) at pH 7.5							NS	Ag_2S		$In(OH)_3$	SnO_2										NS			
NS	NS	V			NS								Se (a)						Na_2VO_x, Na_2AgO_2, Ag_2O at pH 7.5			SnO_2	Te										NS			$Pb_5(VO_4)_3OH$ at pH 7.5
NS	NS	Cr										Na_2CrO_4, $Zn(OH)_2$ at pH 7.5							Ag																	
	Mn_3O_4	Mn		Mn_3O_4						Mn_3O_4		$ZnMn_2O_4$ $ZnMn_3O_4$											Te														
	Fe_3O_4	Fe							$CoFe_2O_4$	$NiFe_2O_4$		$ZnFe_2O_4$																								
$Co(OH)_2$	NS	Co		CoO(OH) at pH 7.5				$CoFe_2O_4$		NS																										
$Ni(OH)_2$	NS	Ni					Mn_3O_4	$NiFe_2O_4$	NS																											
	Cu_2O	Cu											Se (a)												La (a)	Ce (a)	Pr (a)	Nd (a)	Sm (a)	Eu (a)	Gd (a)				
ZnO	NS	Zn				Na_2CrO_4, $Zn(OH)_2$ at pH 7.5	$ZnMn_2O_4$	$ZnFe_2O_4$																													
Se (a)	Se (a)	Se			Se(a)						Se (a)				Se(a)			Se (a)	Ag													Se (a)			
	NS	Rb																							La (a)										
	NS	Sr											Se(a)						Ag																
Y (a)	NS	Y																		Y (a)															
Zr (a)	Zr (a)	Zr																														Zr(a)			
NS	NS	Mo		NS									Se (a)																						$PbMoO_4$
	Ag	Ag		Ag_2S	Na_2VO_x, Na_2AgO_2, Ag_2O at pH 7.5	Ag							Ag		Ag		Cd(OH)2 at pH 7.5				Ag SnO_2	Ag_2TeO_3									Ag_2WO_4			
$Cd(OH)_2$	NS	Cd																							La (a)	Ce (a)	Pr (a)	Nd (a)				NS			
	In(OH)3	In		In(OH)3																			In(OH)3 Te												
	SnO_2	Sn		SnO_2	SnO_2																		SnO_2 Te												
Te (a)	Te (a)	Te					Mn_3O_4												Ag_2TeO_3		In(OH)3	SnO_2										Te	Te	Hg_3TeO_6	
NS	NS	Ba																																	
$La(OH)_3$	NS	La							La(OH)3 at pH 7.5					NS						Cd(OH)2 at pH 7.5																$La(OH)_3$, Pb(a) at pH 7.5
$Ce(OH)_3$	NS	Ce							CeO_2 at pH 7.5											Cd(OH)2 at pH 7.5																
$Pr(OH)_3$	NS	Pr							Pr(OH)3 at pH 7.5											Cd(OH)2 at pH 7.5																
$Nd(OH)_3$	NS	Nd							NS											NS																
$Sm(OH)_3$	NS	Sm							NS																											
$Eu(OH)_3$	NS	Eu							NS																											
$Gd(OH)_3$	NS	Gd							Gd(OH)3 at pH 7.5																											
NS	NS	W	NS			NS	NS						Se (a)					NS	Ag_2WO_4	Cd(OH)2 at pH 7.5		SnO_2	NS										Au		$PbWO_4$
	Au	Au																														Au			
NS	NS	Hg																					Hg_3TeO_{36}												
$Pb_3(NO_3)_4(OH)_2$ $Pb_3(NO_3)_4(OH)_2$	Pb (a)	Pb			Pb5(VO4)3OH at pH 7.5													$PbMoO_4$						La(OH)3, Pb(a) at pH 7.5								$PbWO_4$			

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In vitro synthesis