

Ionic Compound	Lead(IV)Chromate	
Elements or Poly Ions	Pb	
Ion Charge	+4	
Cross Method		
Ionic Formula		

Lead (IV) Chromate
 ()? yes -ide?
 -ion poly? X -ide poly?
 Trans. metal

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Ionic Compound	Lead(IV)Chromate	
Elements or Poly Ions	Pb	CrO ₄
Ion Charge	+4	-2
Cross Method		
Ionic Formula		

Lead (IV) Chromate
 ()? yes -ide? no
 -ion poly? X -ide poly? X
 Trans. metal poly. ion

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Ionic Compound	Lead(IV)Chromate	
Elements or Poly Ions	Pb	CrO ₄
Ion Charge	+4	-2
Cross Method	Pb(CrO ₄) ₂	
Ionic Formula	Pb(CrO ₄) ₂	

Lead (IV) Chromate
 ()? yes -ide? no
 -ion poly? X -ide poly? X
 Trans. metal poly. ion
 Pb₂(CrO₄)₄ ← Reduce
₂ ₂

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Ionic Compound	Iron(III)Cyanide	
Elements or Poly Ions	Fe	
Ion Charge	+3	
Cross Method		
Ionic Formula		

Iron(III)Cyanide
 ()? yes -ide?
 -ium? X -ide?
 poly? X poly?
 transmetal

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Ionic Compound	Iron(III)Cyanide	
Elements or Poly Ions	Fe	CN
Ion Charge	+3	-1
Cross Method		
Ionic Formula		

Iron(III)Cyanide
 ()? yes -ide? yes)
 -ium? X -ide? yes
 poly? X poly? yes
 transmetal poly ion

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Ionic Compound	Iron(III)Cyanide	
Elements or Poly Ions	Fe	CN
Ion Charge	+3	-1
Cross Method	Fe(CN)	
Ionic Formula	Fe(CN) ₃	

Iron(III)Cyanide
 ()? yes -ide? yes)
 -ium? X -ide? yes
 poly? X poly? yes
 transmetal poly ion

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Ionic Compound	Ammonium Oxalate		Ammonium	Oxalate
Elements or Poly Ions	NH_4		()? <i>no</i>	-ido? <i>no</i>
Ion Charge	$+1$		-ium poly? <i>yes</i>	-ide poly? <i>no</i>
Cross Method			<i>poly ion</i>	
Ionic Formula				

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Ionic Compound	Ammonium Oxalate		Ammonium	Oxalate
Elements or Poly Ions	NH_4	C_2O_4	()? <i>no</i>	-ido? <i>no</i>
Ion Charge	$+1$	-2	-ium poly? <i>yes</i>	-ide poly? <i>X</i>
Cross Method			<i>poly ion</i>	<i>poly ion</i>
Ionic Formula				

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Ionic Compound	Ammonium Oxalate		Ammonium	Oxalate
Elements or Poly Ions	NH_4	C_2O_4	()? <i>no</i>	-ido? <i>no</i>
Ion Charge	$+1$	-2	-ium poly? <i>yes</i>	-ide poly? <i>X</i>
Cross Method	$(\text{NH}_4)(\text{C}_2\text{O}_4)$		<i>poly ion</i>	<i>poly ion</i>
Ionic Formula	$(\text{NH}_4)_2\text{C}_2\text{O}_4$		$(\text{NH}_4)_2(\text{C}_2\text{O}_4)$	<i>X</i>

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