Atomic coordinates (x 10^4) and anisotropic displacement parameters ($Å^2$ x 10^3) for Sr*Fm*

	x	*y*	*z*	U_{eq}	U_{11}	U_{22}	U_{33}	U_{23}	U_{13}	U_{12}
U(1)	1724(1)	5000	0	6(1)	4(1)	3(1)	12(1)	-1(1)	0	0
U(2)	4884(1)	1714(1)	-199(1)	5(1)	5(1)	5(1)	5(1)	0(1)	0(1)	0(1)
U(3)	4787(1)	5000	0	8(1)	5(1)	6(1)	13(1)	2(1)	0	0
U(4)	1756(1)	1607(1)	-231(1)	6(1)	5(1)	9(1)	6(1)	1(1)	0(1)	1(1)
U(5)	3576(1)	3296(1)	252(1)	6(1)	7(1)	5(1)	7(1)	0(1)	1(1)	1(1)
U(6)	-1329(1)	5000	0	7(1)	6(1)	5(1)	9(1)	0(1)	0	0
U(7)	3299(1)	1790(1)	-2745(1)	10(1)	9(1)	14(1)	6(1)	0(1)	-1(1)	-1(1)
Sr(1)	5000	797(1)	2500	9(1)	11(1)	13(1)	4(1)	0	0(1)	0
Sr(2)	1713(2)	839(1)	2507(1)	29(1)	16(1)	58(2)	12(1)	14(1)	2(1)	13(1)
O(1)	3217(9)	2244(4)	37(7)	13(2)						
O(2)	5276(8)	2753(4)	46(7)	10(2)						
O(3)	3322(9)	1039(4)	-341(6)	10(2)						
O(4)	6690(7)	1727(4)	-635(6)	9(2)						
O(5)	4760(8)	1819(5)	-1555(7)	11(2)						
O(6)	3035(8)	4414(5)	299(7)	15(2)						
O(7)	3425(9)	3429(5)	-1011(8)	20(2)						
O(8)	3633(8)	3223(5)	1552(7)	14(2)						
O(9)	5084(9)	1574(5)	1051(8)	16(2)						
O(10)	1921(9)	1791(6)	-1499(7)	20(2)						
O(11)	172(9)	1019(5)	-479(7)	12(2)						
O(12)	439(9)	4400(5)	216(8)	16(2)						
O(13)	3338(11)	929(6)	-2707(9)	28(2)						
O(14)	1660(9)	1348(5)	987(7)	17(2)						
O(15)	3322(10)	2628(5)	-2763(8)	22(2)						
O(16)	4710(13)	5283(7)	1153(11)	40(4)						
O(17)	1761(14)	5310(7)	1499(10)	42(3)						
O(18)	-1315(14)	5233(8)	1198(12)	48(4)						
O(19)	3439(13)	1449(8)	2466(11)	48(4)						
O(20)	-268(20)	1250(14)	2529(21)	29(6)						
O(21)	6721(16)	5054(9)	354(12)	13(3)						

U_{eq} is defined as one third of the trace of the orthogonalized U_{ij} tensor. The anisotropic displacement factor exponent takes the form: $-2\pi^2 [h^2 a^{*2} U_{11} + ... + 2 h k a^* b^* U_{12}]$

Atomic coordinates (x 10^4) and anisotropic displacement parameters ($Å^2$ x 10^3) for Cs*Fm*

	x	*y*	*z*	U_{eq}	U_{11}	U_{22}	U_{33}	U_{23}	U_{13}	U_{12}
U(1)	-3333	-2282(1)	833	10(1)	12(1)	9(1)	10(1)	-1(1)	-3(1)	6(1)
U(2)	3377(1)	2577(1)	1299(1)	12(1)	9(1)	9(1)	17(1)	-2(1)	-1(1)	3(1)
U(3)	0	0	1447(1)	7(1)	7(1)	7(1)	8(1)	0	0	3(1)
U(4)	6667	3333	833	30(1)	39(1)	39(1)	10(1)	0	0	20(1)
Cs(1)	0	0	0	21(1)	19(1)	19(1)	23(1)	0	0	10(1)
O(1)	1911(5)	970(5)	1659(1)	11(1)	11(2)	8(3)	13(2)	-1(2)	-4(2)	5(2)
O(2)	3371(5)	1174(5)	1089(1)	14(1)	9(3)	8(2)	19(3)	-6(2)	-3(2)	1(2)
O(3)	-1705(5)	-651(5)	1190(1)	13(1)	19(3)	13(3)	10(2)	3(2)	1(2)	9(2)
O(4)	-2054(5)	-1714(5)	553(1)	21(1)	16(3)	22(3)	20(3)	7(2)	9(2)	6(3)
O(5)	3454(5)	3938(5)	1504(1)	18(1)	20(3)	13(3)	23(3)	-6(2)	-2(2)	11(3)
O(6)	5635(6)	3988(6)	1125(1)	30(2)	12(3)	18(3)	49(4)	12(3)	-9(3)	-2(3)
O(7)	3073(7)	3333	833	37(3)	27(3)	77(8)	25(5)	27(5)	14(2)	39(4)

U_{eq} is defined as one third of the trace of the orthogonalized U_{ij} tensor. The anisotropic displacement factor exponent takes the form: $-2\pi^2 [h^2 a^{*2} U_{11} + ... + 2 h k a^* b^* U_{12}]$

Selected bond lengths (Å) and angles (˚) for Sr*Fm*

U(1)-O(12)a	1.986(10)		
U(1)-O(12)	1.986(10)	O(12)a-U(1)-O(12)	81.9(6)
U(1)-O(6)a	2.013(10)	O(12)a-U(1)-O(6)a	98.6(4)
U(1)-O(6)	2.013(10)	O(12)a-U(1)-O(6)	176.4(5)
U(1)-O(17)	2.251(15)	O(12)a-U(1)-O(17)	88.8(5)
U(1)-O(17)a	2.251(15)	O(12)a-U(1)-O(17)a	92.9(5)
<U(1)-O>	2.08		
U(2)-O(9)	1.835(11)		
U(2)-O(5)	1.967(9)	O(9)-U(2)-O(5)	175.8(4)
U(2)-O(4)	2.199(9)	O(9)-U(2)-O(4)	99.2(4)
U(2)-O(1)	2.262(10)	O(9)-U(2)-O(1)	92.4(4)
U(2)-O(2)	2.267(9)	O(9)-U(2)-O(2)	88.8(4)
U(2)-O(3)	2.320(10)	O(9)-U(2)-O(3)	95.0(4)
U(2)-O(12)b	2.435(10)	O(9)-U(2)-O(12)b	79.7(4)
<U(2)-O_{ur}>	1.90		
<U(2)-O_{eq}>	2.30		
U(3)-O(16)	1.763(16)		
U(3)-O(16)a	1.763(16)	O(16)-U(3)-O(16)a	174.2(9)
U(3)-O(21)	2.32(2)	O(16)-U(3)-O(21)	80.0(5)
U(3)-O(11)c	2.299(10)	O(16)-U(3)-O(11)c	88.6(5)
U(3)-O(11)b	2.299(10)	O(16)-U(3)-O(11)b	92.5(5)
U(3)-O(6)	2.426(10)	O(16)-U(3)-O(6)	87.9(5)
U(3)-O(6)a	2.426(10)	O(16)-U(3)-O(6)a	87.2(5)
<U(3)-O_{ur}>	1.77		
<U(3)-O_{eq}>	2.35		
U(4)-O(14)	1.837(10)		
U(4)-O(10)	1.873(11)	O(14)-U(4)-O(10)	174.2(5)
U(4)-O(3)	2.188(10)	O(14)-U(4)-O(3)	87.6(4)
U(4)-O(1)	2.203(10)	O(14)-U(4)-O(1)	93.6(4)
U(4)-O(2)d	2.207(9)	O(14)-U(4)-O(2)d	91.1(4)
U(4)-O(11)	2.253(10)	O(14)-U(4)-O(11)	86.4(4)
<U(4)-O>	2.09		
U(5)-O(7)	1.845(11)		
U(5)-O(8)	1.875(10)	O(7)-U(5)-O(8)	174.7(5)
U(5)-O(4)d	2.268(9)	O(7)-U(5)-O(4)d	98.6(4)
U(5)-O(1)	2.277(9)	O(7)-U(5)-O(1)	89.8(4)
U(5)-O(2)	2.310(9)	O(7)-U(5)-O(2)	91.8(4)
U(5)-O(11)b	2.378(10)	O(7)-U(5)-O(11)b	96.7(4)
U(5)-O(6)	2.438(10)	O(7)-U(5)-O(6)	81.7(4)
<U(5)-O_{ur}>	1.86		
<U(5)-O_{eq}>	2.34		
U(6)-O(18)	1.790(18)		
U(6)-O(18)a	1.790(18)	O(18)-U(6)-O(18)a	179.0(9)
U(6)-O(3)f	2.280(9)	O(18)-U(6)-O(3)f	86.9(6)
U(6)-O(3)d	2.280(9)	O(18)-U(6)-O(3)d	93.3(6)
U(6)-O(21)g	2.33(2)	O(18)-U(6)-O(21)g	77.6(7)
U(6)-O(12)a	2.440(10)	O(18)-U(6)-O(12)a	90.7(6)
U(6)-O(12)	2.440(10)	O(18)-U(6)-O(12)	88.4(6)
<U(6)-O_{ur}>	1.79		
<U(6)-O_{eq}>	2.36		

U(7)-O(15)	1.766(11)		
U(7)-O(13)	1.816(12)	O(15)-U(7)-O(13)	177.5(5)
U(7)-O(4)h	2.334(8)	O(15)-U(7)-O(4)h	92.4(4)
U(7)-O(10)	2.406(11)	O(15)-U(7)-O(10)	91.2(5)
U(7)-O(5)	2.415(9)	O(15)-U(7)-O(5)	88.5(5)
U(7)-O(8)i	2.471(9)	O(15)-U(7)-O(8)i	91.1(5)
U(7)-O(5)h	2.480(9)	O(15)-U(7)-O(5)h	87.4(5)
<U(7)-O_{ur}>	1.79		
<U(7)-O_{eq}>	2.42		
Sr(1)-O(19)j	2.281(16)		
Sr(1)-O(19)	2.281(16)		
Sr(1)-O(9)j	2.650(11)		
Sr(1)-O(9)	2.650(11)		
Sr(1)-O(17)k	2.696(16)		
Sr(1)-O(17)l	2.696(16)		
Sr(1)-O(18)l	2.710(18)		
Sr(1)-O(18)k	2.710(18)		
<Sr(1)-O>	2.59		
Sr(2)-O(20)	2.469(22)		
Sr(2)-O(19)	2.390(16)		
Sr(2)-O(14)	2.435(10)		
Sr(2)-O(17)l	2.540(16)		
Sr(2)-O(7)e	2.634(11)		
Sr(2)-O(16)l	2.799(15)		
Sr(2)-O(18)k	3.235(17)		
Sr(2)-O(15)e	3.253(11)		
Sr(2)-O(16)m	3.259(16)		
<Sr(2)-O>	2.75		

Symmetry transformations used to generate equivalent atoms: a: x, -y+1, -z; b: x+1/2, -y+1/2,-z; c: x+1/2, y+1/2, z; d: x-1/2, -y+1/2,-z; e: -x+1/2, -y+1/2, z+1/2; f: x-1/2 , y+1/2, z; g: x-1, y, z; h: -x+1, y, -z-1/2; i: -x+1/2, -y+1/2, z-1/2;
j: -x+1, y, z+1/2; k: x+1/2, y-1/2, z; l: -x+1/2, y-1/2, -z+1/2

Selected bond lengths (Å) and angles (˚) for *CsFm*

U(1)-O(4)a	1.761(5)		
U(1)-O(4)	1.761(5)	O(4)a-U(1)-O(4)	174.7(4)
U(1)-O(7)b	2.304(8)	O(4)a-U(1)-O(7)b	92.66(18)
U(1)-O(3)	2.426(5)	O(4)a-U(1)-O(3)	92.6(2)
U(1)-O(3)a	2.426(5)	O(4)a-U(1)-O(3)a	89.5(2)
U(1)-O(2)c	2.464(5)	O(4)a-U(1)-O(2)c	88.6(2)
U(1)-O(2)d	2.464(5)	O(4)a-U(1)-O(2)d	87.3(2)
<U(1)-O_{ur}>	1.76		
<U(1)-O_{eq}>	2.42		
U(2)-O(5)	1.756(5)		
U(2)-O(2)	1.841(5)	O(5)-U(2)-O(2)	177.5(2)
U(2)-O(7)	2.302(3)	O(5)-U(2)-O(7)	94.14(19)
U(2)-O(1)	2.361(5)	O(5)-U(2)-O(1)	92.7(2)
U(2)-O(3)c	2.363(5)	O(5)-U(2)-O(3)c	91.4(2)
U(2)-O(1)e	2.367(5)	O(5)-U(2)-O(1)e	89.6(2)
U(2)-O(6)	2.376(6)	O(5)-U(2)-O(6)	90.4(2)
<U(2)-O_{ur}>	1.80		
<U(2)-O_{eq}>	2.35		
U(3)-O(3)	2.037(5)		
U(3)-O(3)c	2.037(5)	O(3)-U(3)-O(3)c	92.49(18)
U(3)-O(3)b	2.037(5)	O(3)-U(3)-O(3)b	92.49(18)
U(3)-O(1)	2.101(5)	O(3)-U(3)-O(1)	169.76(19)
U(3)-O(1)b	2.101(5)	O(3)-U(3)-O(1)b	77.27(19)
U(3)-O(1)c	2.101(5)	O(3)-U(3)-O(1)c	88.07(19)
<U(3)-O>	2.07		
U(4)-O(6)f	2.107(7)		
U(4)-O(6)g	2.107(7)	O(6)f-U(4)-O(6)g	87.2(2)
U(4)-O(6)	2.107(7)	O(6)f-U(4)-O(6)	87.2(2)
U(4)-O(6)h	2.107(7)	O(6)f-U(4)-O(6)h	168.3(3)
U(4)-O(6)i	2.107(7)	O(6)f-U(4)-O(6)i	85.4(3)
U(4)-O(6)j	2.107(7)	O(6)f-U(4)-O(6)j	101.5(3)
<U(4)-O>	2.11		
Cs(1)-O(4)c	3.251(5)		
Cs(1)-O(4)k	3.251(5)		
Cs(1)-O(4)l	3.251(5)		
Cs(1)-O(4)b	3.251(5)		
Cs(1)-O(4)	3.251(5)		
Cs(1)-O(4)m	3.251(5)		
Cs(1)-O(5)n	3.259(5)		
Cs(1)-O(5)o	3.259(5)		
Cs(1)-O(5)h	3.259(5)		
Cs(1)-O(5)p	3.259(5)		
Cs(1)-O(5)q	3.260(5)		
Cs(1)-O(5)r	3.260(5)		

Symmetry transformations used to generate equivalent atoms: a: -x-2/3, -x+y-1/3, -z+1/6; b: -y, x-y, z; c: -x+y,-x, z; d: x-y-2/3, -y-1/3, -z+1/6; e: -x+2/3, -y+1/3, -z+1/3; f: -x+y+1,-x+1, z; g: -y+1, x-y, z; h: x-y+1/3, -y+2/3, -z+1/6; i: -x+4/3, -x+y+2/3, -z+1/6; j: y+1/3, x-1/3, -z+1/6; k: y, -x+y, -z; l: x-y, x, -z; m: -x, -y, -z; n: y-2/3, x-1/3,-z+1/6; o: -y+2/3, -x+1/3, z-1/6; p: -x+y-1/3, y-2/3, z-1/6; q: x-1/3, x-y+1/3, z-1/6; r: -x+1/3, -x+y-1/3, -z+1/6.