

TECHNICAL SPECIFICATION

REF 3

-009

Antimony Hg₂ Sb₂₀₇ Red - Liquid "Radiation: 0.794" from flashing point 170.2 degree celcius.

The intensity of red mercury is very high about 20.2 g / cm³, (1)one cubic mass, which like the intensity Alneptinyum 237 as they are a non-radioactive.



This Hg₂Sb₂₀₇ liquid no Radiation, Labor Material:
This material for use in the natural laboratory:
The chemicals specification:

Type: Red Mercury
Frame: Sb₂₀₇Hg₂ = 2 Hg⁰ + Sb₂ O₃ + O₂
Mol:..... Hg₂ 200.6 x 2 + 2 x 121.8 + 7 x 16 = 756.8 g/mol
Quality: Fluid, Semi - liquid
Purity:..... 99.9998
Color :..... Ponceau (Cherry red Homogeneous)
Variety: 37.00016
Binding Energy: 211Kcal / mol
Density : BK-20/20
Conservator patine:Kimax glass pb plostariny
Packing in D.G.H.T - COVER TEFLON
Weight: 1200 gram
Net Weight: 1000 gram

Production date: 2021

Decay Series; Radio Element NATURAL : GF & amp; SIC No- Radiation
 Transurantium- Octimide LAWRENCIUM Lw.103 in Vacuum glass Bottle: 7 CA, CCCP
 - 38 D I; Natural, Lw.103 liquid red mercury.

Element Analysis : ..%..; Cr, Al. Mg. Nb,

Cu. Ag..... ; - 1x10; 99.9998.....

ISOTOPIC - STRUCTURE:

016 - 99,75 - 99,76 % ;
 O17- 0,032 - 0.037.% ;
 O18 - 0,2 - 0,20 % ;
 Sb121 - 3,37 %, Sb123 - 9,1 %, Sb124 - 83,6 %, Sb125 - 3,68 %, Sb126 - 0,5/0,25 %, Sb127 - 0,5/0,26 %, Hg196 - 0,14 - 0,18 %, Hg198 - 10,0 - 10,3 %, Hg199 - 16,8 - 16,84 %, Hg200 - 23,1 %, Hg201 - 13,2 %, Hg202 - 28,0 - 29,8 %, Hg204 - 6,8 - 6,85 %

nuclide representative symbol	Z(p) N(n) isotopic isotopic	mass (u)	half - life	mode(s)[2][n 1]	isotope(s) deca	nuclears daughter[n 2]
pin	composition(mole fraction)					
121Sb	51 70	120.9038157(24)		Stable[n 4]	5/2+	0.5721(5) 2- β+
122Sb	51 71 61.4131(5)	121.9051737(24)	2.7238(2) d	β- (97.59%)	122Te	(2.41%)122Sn
122m1Sb	keV		1.86(8) μs		3+	
122m2Sb	137.4726(8) keV		0.53(3) ms		(5)+	
122m3Sb	163.5591(17) keV		4.191(3) min	IT	122Sb Stable[n 4]	(8) -
123Sb[n 3]	51 72	122.9042140(22)			7/2+	0.4279(5)
124Sb	51 73 10.8627(8)	123.9059357(2)	60.20(3) d	β-	124Te	3-
124m1Sb	keV		93(5) s	IT (75%)	124Sb	β- (25%)
124m2Sb	124Te 36.8440(14) keV		20.2(2) min		(8) -	
124m3Sb	40.8038(7) keV		3.2(3) μs		(3+,4+)	
125Sb	51 74 8)	124.9052538(2)		2.75856(25) aβ -	125mTe	7/2+
126Sb	51 75 125.90725(3)	12.35(6) d		β-	126Te	(8 -)

126m1Sb	17.7(3) keV	19.15(8) min	β^- (86%)	126Te	(5+)	IT (14%)	126Sb
126m2Sb	40.4(3) keV	~11 s	IT	126m1Sb	(3 -)		
126m3Sb	104.6(3) keV	553(5) ns			(3+)		
127Sb	51 76	126.906924(6)		3.85(5) d	β^-	127mTe	7/2+
nuclide	Z(p)	N(n)	isotopic	half -life	mode(s)[2][n 1]	isotope(s)	nuclears
representative isotopic symbol			mass (u)		deca	daughter[n 2]	
pin	composition(mole fraction)						
196Hg	80	116	195.965833(3)	Observationally Stable[n 4]	0+		0.0015(1)

197Hg	80 117	196.967213(3)	64.14(5)	h	EC	197Au	1/2 -	
		298.93(8)				EC		
197mHg	keV23.8(1) h		(91.4%)	197Hg	13/2+	(8.6%)	197Au	
				Observationally Stable[n 5]			0.0997(20	
198Hg	80 118	197.9667690(4)		0+)	
				Observationally Stable[n 6]			0.1687(22	
199Hg	80 119	198.9682799(4)		1/2 -)	
			42.66(8)					
199mHg	532.48(10) keV		min	IT	199Hg	13/2+		
				Observationally Stable[n 7]			0.2310(19	
200Hg	80 120	199.9683260(4)		0+)	
				Observationally Stable[n 8]				
201Hg	80 121	200.9703023(6)		3/2 -			0.1318(9)	
201mHg	766.22(15) keV		94(3) μs			13/2+		
				Observationally Stable[n 9]			0.2986(26	
202Hg	80 122	201.9706430(6)		0+)	
				46.595(6)				
203Hg	80 123	202.9728725(18)		d	β-	203Tl	5/2 -	
203mHg	933.14(23) keV		24(4) μs			(
				Observationally Stable[n 10]			0+ 0.0687(15)

No Radioactive FREE MANIPULATION...

