

Number	RED MERCURY 20/20 258 [Hg₂Sb₂O₇] - 5N/7N/9N				
1.	Chemical Formula	Hg₂Sb₂O₇			
2.	Molecular Formula	Sb₂O₇Hg₂			
3.	General Molecular mass	756.61 ± 2g/mol [756.7002g/mol]			
4.	Weight	1 g equivalent 196.01			
5.	Form / Status	Liquid scroll-like (Rolling liquid metal)			
6.	Chemical purity	99.9999999% [5N/7N/9N]			
7.	Isotopic Purity	99.9999%			
8.	Colour	Cherry-red			
9.	Melting point	-37.50°C / -36.4°F			
10.	Steam Inflammation under normal state	1 / 0.02 °C			
11.	Boiling Point	350.73°C / 663.314°F			
12.	Critical point TPR	160.87°C / 321.566°F			
13.	Gamma value [Level of gamma radiation]	0.44 - 0.64			
14.	K reaction [Reaction with K]	0.00015-0.00016			
15.	P reaction [Reaction with P]	9.000-8.000			
16.	VDSA reaction	0.30-0.29			
17.	Radiation	0.794			
18.	Ebullioscopy [Ebullioscopic constant]	0.062			
19.	Freezing Temperature	1.024°C / 33.8432°F			
20.	VHTC MP reaction	1.024			
21.	Variety	37.00016			
22.	Binding Energy	211Kcal / mole			
23.	Absorbance in ultra violet range	0.3 / >103 [lawrencium-103]			
24.	MG	196.01 + _0.02/mole water content			
25.	Densitometric density	20} in reactor			
26.	Density	BK-20/20 – 20.2 gam			
27.	Flash point	170.026			
28.	X-Ray Density	20} not under 19.0-19.6/20 °C –66.2-67.28/68F			
29.	Condition under normal liquid state	t-20 °C / 68°F crystal with blast furnace structure @ PO-1.0132 bar			
30.	ELEMENTARY COMPOSITION				
Symbol	Element	Atomic weight	Number of atoms	Present mass	
Hg	Mercury	200.592 g/mol	2	53.0176%	
Sb	Antimony	121.7601 g/mol	2	32.1819%	
o	Oxygen	15.99943 g/mol	7	14.8005%	
31	ELEMENT ANALYSIS: 99.9999999% ISOTOPE STRUCTURE				
¹⁶ O (Oxygen)	¹⁷ O (Oxygen)	¹⁸ O (Oxygen)			
99.75%-99.76%	0.032% -0.037%	0.2%-0.20%			
¹²¹ Sb(Antimony)	¹²³ Sb(Antimony)	¹²⁴ Sb(Antimony)	¹²⁵ Sb(Antimony)	¹²⁶ Sb(Antimony)	¹²⁷ Sb(Antimony)
3.37%	9.1%	83.6%	3.68%	0.5/0.25%	0.5/0.26%
¹⁹⁶ Hg (Mercury)	¹⁹⁸ Hg (Mercury)	¹⁹⁹ Hg (Mercury)	²⁰⁰ Hg (Mercury)	²⁰¹ Hg (Mercury)	²⁰² Hg (Mercury)
0.14% -0.18%	10,0% -10.3%	16.8% -16.84%	23.1%	13.2%	28.0% -29.8%
					²⁰⁴ Hg (Mercury)
					6.8% -6.85%