

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