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<image><http://gallica.bnf.fr/ark:/12148/btv1b10500001g/f207.image></image>

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<id>p100v\_2</id>

<ab>again very well, then add in iii <ms><figure>℥</figure></ms> of <m>minium</m>, &amp; <tl>pestle</tl> well again all together, &amp; put it in the <tl>crucible</tl>, which you will cover with an appropriate <tl>tile</tl>, a bit thick, in order that heat reverberates better there. Then set it on the <tl>grill</tl> of your <tl>furnace</tl>, having put under a few <tl>thick rounded squares</tl>. Next, fill your <tl>furnace</tl> to the opening with <tl>charcoal</tl>, so that it will be heaped, and leave it glowing, and always maintain the heat evenly without letting the <tl>charcoal</tl> decrease. And for this effect, always make so that the <tl>furnace</tl> is heaped &amp; full of <tl>charcoal</tl>, and maintain it thus for one <ms><tmp>day</tmp></ms>. The first experience that I made thus, it only returned a yellow mass, as is only <m>vitrified minium</m>, &amp; some <ms><fr>grains</fr> of <m>gold</m></ms> in a mass at the bottom. <rub>Try soldered <m>gold</m> and accompanied with <m>antimony</m></rub>.</ab>

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If you need greater heat, <del><fr>plie</fr></del> put on the edge of the opening of the glowing <tl>furnace</tl> <tl>tiles</tl>, one against the other, for making the heat reverberate.</ab>

<figure>

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<link><https://drive.google.com/open?id=0B9-oNrvWdlO5dnlodmJvNkRMaWM></link>

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<id>p101r\_1</id>

<head><m>Topaz</m></head>

<ab>The same <ms>dose</ms> is observed for all <m>gemstones</m>, namely <ms>one weight of <m>calcined pebbles</m> on three of <m>minium</m></ms>, <tl>pestling</tl> all separately in a <tl><m>copper</m> mortar</tl> for <m>emerald</m>, &amp; in an <tl><m>iron</m> mortar</tl> for making <m>topaz</m> or <m>amber</m> color, with <tl>pestles</tl> identical to the <tl>mortars</tl>. The <m>emerald</m> &amp; the <m>topaz</m> are of the same heat, &amp; for an <ms><tmp>hour &amp; a half</tmp></ms> on the fire, for they could burn. The <m>ruby</m> <del><fr>en</fr></del> wants more time &amp; more fire &amp; colored with <m>gold leaf</m>. I believe that <m>pumice stone</m> or <m>firestone</m> for the <m>ruby</m> would be better. See the <m>enamels</m>. Try also mixing, in place of <m>pebbles</m>, pieces of <m>colored glass</m> or <m>enamels</m>. If the mass is not colored enough, <tl>pestle</tl> it more in the <tl><m>iron</m> mortar</tl>.</ab>

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<m>Slightly burnt tartar</m> mixed among this makes beautiful yellow, but one scarcely needs much. The <m><fr>arene</fr></m> also makes it more yellow.</ab>

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<id>p101r\_2</id>

<head><m>Salt</m> for melting</head>

<ab>Mix <m>saltpeter</m> &amp; <m>common salt</m> and melt them together &amp; cast on <m>melted copper</m> or <del><fr>ch</fr></del> in a <fr>bain</fr>, &amp; it purifies &amp; makes it run marvellously. First, one ought to decrepitate the <m>common salt</m>, that is to say holding it over a good fire until it no longer crackles or, to melt it better, in an <tl><fr>four à vent</fr></tl>. And throw it neatly on <tl><m>marble</m></tl>, then crush it &amp; grind it very finely, then put it in a <tl>crucible</tl> on <ms>as much</ms> <m>saltpeter</m> &amp; let it boil, &amp; mix them together until</ab>

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It cleans &amp; purifies <m>metal</m> well.</ab>

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