

## **Alchemical Symbols**

**Range: 1F700–1F77F**

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 11.0*

This file may be changed at any time without notice to reflect errata or other updates to the Unicode Standard.  
See <http://www.unicode.org/errata/> for an up-to-date list of errata.

See <http://www.unicode.org/charts/> for access to a complete list of the latest character code charts.  
See <http://www.unicode.org/charts/PDF/Unicode-11.0/> for charts showing only the characters added in Unicode 11.0.  
See <http://www.unicode.org/Public/11.0.0/charts/> for a complete archived file of character code charts for Unicode 11.0.

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These charts are provided as the online reference to the character contents of the Unicode Standard, Version 11.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 11.0, online at <http://www.unicode.org/versions/Unicode11.0.0/>, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, #45, and #50, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See <http://www.unicode.org/ucd/> and <http://www.unicode.org/reports/>

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

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














































































































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See <http://www.unicode.org/pending/pending.html> and <http://www.unicode.org/alloc/Pipeline.html>.

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	1F70	1F71	1F72	1F73	1F74	1F75	1F76	1F77
0	 1F700	 1F710	 1F720	 1F730	 1F740	 1F750	 1F760	 1F770
1	 1F701	 1F711	 1F721	 1F731	 1F741	 1F751	 1F761	 1F771
2	 1F702	 1F712	 1F722	 1F732	 1F742	 1F752	 1F762	 1F772
3	 1F703	 1F713	 1F723	 1F733	 1F743	 1F753	 1F763	 1F773
4	 1F704	 1F714	 1F724	 1F734	 1F744	 1F754	 1F764	
5	 1F705	 1F715	 1F725	 1F735	 1F745	 1F755	 1F765	
6	 1F706	 1F716	 1F726	 1F736	 1F746	 1F756	 1F766	
7	 1F707	 1F717	 1F727	 1F737	 1F747	 1F757	 1F767	
8	 1F708	 1F718	 1F728	 1F738	 1F748	 1F758	 1F768	
9	 1F709	 1F719	 1F729	 1F739	 1F749	 1F759	 1F769	
A	 1F70A	 1F71A	 1F72A	 1F73A	 1F74A	 1F75A	 1F76A	
B	 1F70B	 1F71B	 1F72B	 1F73B	 1F74B	 1F75B	 1F76B	
C	 1F70C	 1F71C	 1F72C	 1F73C	 1F74C	 1F75C	 1F76C	
D	 1F70D	 1F71D	 1F72D	 1F73D	 1F74D	 1F75D	 1F76D	
E	 1F70E	 1F71E	 1F72E	 1F73E	 1F74E	 1F75E	 1F76E	
F	 1F70F	 1F71F	 1F72F	 1F73F	 1F74F	 1F75F	 1F76F	

**Symbols for Aristotelian elements**

- 1F700 ☉ ALCHEMICAL SYMBOL FOR QUINTESSENCE  
 1F701 △ ALCHEMICAL SYMBOL FOR AIR  
 1F702 ▲ ALCHEMICAL SYMBOL FOR FIRE  
 → 25B3 ▲ white up-pointing triangle  
 1F703 ▽ ALCHEMICAL SYMBOL FOR EARTH  
 → 2641 ♂ earth  
 1F704 ▾ ALCHEMICAL SYMBOL FOR WATER  
 → 25BD ▾ white down-pointing triangle

**Symbols for important solvents**

- 1F705 ▽ ALCHEMICAL SYMBOL FOR AQUAFORTIS  
 1F706 ▽ ALCHEMICAL SYMBOL FOR AQUA REGIA  
 1F707 ⚱ ALCHEMICAL SYMBOL FOR AQUA REGIA-2  
 = balneum arenae (sand bath), lapis armenus  
 (Armenian stone)  
 1F708 ▽ ALCHEMICAL SYMBOL FOR AQUA VITAE  
 = spiritus vini  
 1F709 ⚱ ALCHEMICAL SYMBOL FOR AQUA VITAE-2  
 1F70A ⚱ ALCHEMICAL SYMBOL FOR VINEGAR  
 = crucible; acid; distill; atrament; vitriol; red sulfur;  
 borax; wine; alkali salt; mercurius vivus, quick  
 silver  
 → 2629 ⚱ cross of jerusalem  
 1F70B ⚱ ALCHEMICAL SYMBOL FOR VINEGAR-2  
 = distilled vinegar  
 1F70C ⚱ ALCHEMICAL SYMBOL FOR VINEGAR-3

**Symbols for sulfur and mercury**

- 1F70D ⚱ ALCHEMICAL SYMBOL FOR SULFUR  
 = brimstone  
 1F70E ⚱ ALCHEMICAL SYMBOL FOR PHILOSOPHERS  
 SULFUR  
 1F70F ⚱ ALCHEMICAL SYMBOL FOR BLACK SULFUR  
 = sulfur nigra, dye  
 1F710 ⚱ ALCHEMICAL SYMBOL FOR MERCURY  
 SUBLIMATE  
 → 263F ♀ mercury  
 → 1F75E ⚱ alchemical symbol for sublimation  
 1F711 ⚱ ALCHEMICAL SYMBOL FOR MERCURY  
 SUBLIMATE-2  
 1F712 ⚱ ALCHEMICAL SYMBOL FOR MERCURY  
 SUBLIMATE-3  
 1F713 ⚱ ALCHEMICAL SYMBOL FOR CINNABAR

**Symbols for salt, vitriol, and nitre**

- 1F714 ⊖ ALCHEMICAL SYMBOL FOR SALT  
 → 25A1 □ white square  
 → 2296 ⊖ circled minus  
 1F715 ⊖ ALCHEMICAL SYMBOL FOR NITRE  
 → 29B6 ⊖ circled vertical bar  
 1F716 ⊖ ALCHEMICAL SYMBOL FOR VITRIOL  
 1F717 ⊖ ALCHEMICAL SYMBOL FOR VITRIOL-2  
 1F718 ⚱ ALCHEMICAL SYMBOL FOR ROCK SALT  
 = sal gemmae  
 1F719 ⚱ ALCHEMICAL SYMBOL FOR ROCK SALT-2

**Symbols for gold and silver**

- 1F71A ☉ ALCHEMICAL SYMBOL FOR GOLD  
 → 2609 ☉ sun  
 1F71B ☾ ALCHEMICAL SYMBOL FOR SILVER  
 → 263D ☾ first quarter moon  
 → 263E ☾ last quarter moon

**Symbols for iron, iron ore and derivatives**

- 1F71C ♂ ALCHEMICAL SYMBOL FOR IRON ORE  
 → 2642 ♂ male sign  
 1F71D ♂ ALCHEMICAL SYMBOL FOR IRON ORE-2  
 1F71E ♂ ALCHEMICAL SYMBOL FOR CROCUS OF IRON  
 = crocus martis, red or yellow calcined powder of  
 iron  
 1F71F ♂ ALCHEMICAL SYMBOL FOR REGULUS OF IRON  
 = regulus martis, scoria from refining  
 stibnite/antimony with iron

**Symbols for copper, copper ore and derivatives**

- 1F720 ♀ ALCHEMICAL SYMBOL FOR COPPER ORE  
 → 2640 ♀ female sign  
 1F721 ♀ ALCHEMICAL SYMBOL FOR IRON-COPPER ORE  
 → 26A5 ♂ male and female sign  
 1F722 ♀ ALCHEMICAL SYMBOL FOR SUBLIMATE OF  
 COPPER  
 → 1F739 ⚱ alchemical symbol for sal-  
 ammoniac  
 1F723 ♂ ALCHEMICAL SYMBOL FOR CROCUS OF  
 COPPER  
 = crocus veneris, aes ustum  
 1F724 ♂ ALCHEMICAL SYMBOL FOR CROCUS OF  
 COPPER-2  
 1F725 ♂ ALCHEMICAL SYMBOL FOR COPPER  
 ANTIMONIATE  
 = crocus of copper, crocus veneris, lapis  
 haematites  
 → 2641 ♂ earth  
 1F726 ♂ ALCHEMICAL SYMBOL FOR SALT OF COPPER  
 ANTIMONIATE  
 → 1F714 ⊖ alchemical symbol for salt  
 1F727 ♂ ALCHEMICAL SYMBOL FOR SUBLIMATE OF  
 SALT OF COPPER  
 → 1F739 ⚱ alchemical symbol for sal-  
 ammoniac  
 1F728 ⊕ ALCHEMICAL SYMBOL FOR VERDIGRIS  
 = aes viride, copper subacetate  
 = early astronomical symbol for earth  
 → 2295 ⊕ circled plus

**Symbols for tin and lead ore**

- 1F729 ♃ ALCHEMICAL SYMBOL FOR TIN ORE  
 → 2643 ♃ jupiter  
 1F72A ♄ ALCHEMICAL SYMBOL FOR LEAD ORE  
 → 2644 ♄ saturn

**Symbols for antimony, antimony ore and derivatives**

- 1F72B ♂ ALCHEMICAL SYMBOL FOR ANTIMONY ORE  
 = stibnite  
 → 2641 ♂ earth  
 1F72C ♂ ALCHEMICAL SYMBOL FOR SUBLIMATE OF  
 ANTIMONY  
 → 1F739 ⚱ alchemical symbol for sal-  
 ammoniac  
 1F72D ♂ ALCHEMICAL SYMBOL FOR SALT OF  
 ANTIMONY  
 = cinnabar  
 → 1F714 ⊖ alchemical symbol for salt  
 1F72E ♂ ALCHEMICAL SYMBOL FOR SUBLIMATE OF  
 SALT OF ANTIMONY  
 1F72F ♂ ALCHEMICAL SYMBOL FOR VINEGAR OF  
 ANTIMONY  
 1F730 ♂ ALCHEMICAL SYMBOL FOR REGULUS OF  
 ANTIMONY  
 = antimony metal

1F731 ☉ ALCHEMICAL SYMBOL FOR REGULUS OF ANTIMONY-2  
 1F732 ☉ ALCHEMICAL SYMBOL FOR REGULUS  
 1F733 ☉ ALCHEMICAL SYMBOL FOR REGULUS-2  
 1F734 ☉ ALCHEMICAL SYMBOL FOR REGULUS-3  
 1F735 ☉ ALCHEMICAL SYMBOL FOR REGULUS-4

**Symbols for other substances**

1F736 ♀ ALCHEMICAL SYMBOL FOR ALKALI  
 = sal alkali  
 1F737 ♀ ALCHEMICAL SYMBOL FOR ALKALI-2  
 1F738 ♀ ALCHEMICAL SYMBOL FOR MARCASITE  
 = iron pyrite, iron sulfide  
 1F739 ⚗ ALCHEMICAL SYMBOL FOR SAL-AMMONIAC  
 = ammonium chloride  
 → 002A \* asterisk  
 → 26B9 \* sextile  
 → 2733 \* eight spoked asterisk  
 1F73A ∞ ALCHEMICAL SYMBOL FOR ARSENIC  
 → 29DF ∞ double-ended multimap  
 1F73B ♂ ALCHEMICAL SYMBOL FOR REALGAR  
 = arsenic sulfide  
 1F73C ♂ ALCHEMICAL SYMBOL FOR REALGAR-2  
 = arsenic sulfide  
 1F73D ♂ ALCHEMICAL SYMBOL FOR AURIPIGMENT  
 = orpiment  
 = arsenic trisulfide  
 1F73E ♀ ALCHEMICAL SYMBOL FOR BISMUTH ORE  
 = tinglass  
 → 2646 ♀ neptune  
 1F73F ♀ ALCHEMICAL SYMBOL FOR TARTAR  
 = impure potassium tartrate  
 1F740 ♀ ALCHEMICAL SYMBOL FOR TARTAR-2  
 = impure potassium tartrate  
 1F741 ♀ ALCHEMICAL SYMBOL FOR QUICK LIME  
 = calx viva  
 = calcium oxide  
 1F742 ♀ ALCHEMICAL SYMBOL FOR BORAX  
 1F743 ♀ ALCHEMICAL SYMBOL FOR BORAX-2  
 1F744 ♀ ALCHEMICAL SYMBOL FOR BORAX-3  
 1F745 ♀ ALCHEMICAL SYMBOL FOR ALUM  
 1F746 ♀ ALCHEMICAL SYMBOL FOR OIL  
 → 0F1C ♀ tibetan sign rdel dkar gsum  
 1F747 ♀ ALCHEMICAL SYMBOL FOR SPIRIT  
 1F748 ♀ ALCHEMICAL SYMBOL FOR TINCTURE  
 1F749 ♀ ALCHEMICAL SYMBOL FOR GUM  
 1F74A ♀ ALCHEMICAL SYMBOL FOR WAX  
 = cera  
 1F74B ♀ ALCHEMICAL SYMBOL FOR POWDER  
 = pulvis  
 1F74C ♀ ALCHEMICAL SYMBOL FOR CALX  
 = calcinare  
 = oxide residue, calcium oxide  
 1F74D ♀ ALCHEMICAL SYMBOL FOR TUTTY  
 = tutia, crude zinc oxide sublimate  
 = aes viride  
 1F74E ♀ ALCHEMICAL SYMBOL FOR CAPUT MORTUUM  
 = worthless residue of sublimation or distillation  
 1F74F ♀ ALCHEMICAL SYMBOL FOR SCEPTER OF JOVE  
 1F750 ♀ ALCHEMICAL SYMBOL FOR CADUCEUS  
 → 2624 ♀ caduceus  
 1F751 ♀ ALCHEMICAL SYMBOL FOR TRIDENT  
 1F752 ♀ ALCHEMICAL SYMBOL FOR STARRED TRIDENT

1F753 ♀ ALCHEMICAL SYMBOL FOR LODESTONE  
 = magnes  
 1F754 ♀ ALCHEMICAL SYMBOL FOR SOAP  
 → 25CA ♀ lozenge  
 → 2B26 ♀ white medium diamond  
 1F755 ♀ ALCHEMICAL SYMBOL FOR URINE  
 → 22A1 ♀ squared dot operator  
 1F756 ♀ ALCHEMICAL SYMBOL FOR HORSE DUNG  
 = fimus equinus  
 1F757 ♀ ALCHEMICAL SYMBOL FOR ASHES  
 = cineres  
 1F758 ♀ ALCHEMICAL SYMBOL FOR POT ASHES  
 = cineres clavellati, alumen  
 1F759 ♀ ALCHEMICAL SYMBOL FOR BRICK  
 1F75A ♀ ALCHEMICAL SYMBOL FOR POWDERED BRICK  
 = later cibratus, farina laterum  
 1F75B ♀ ALCHEMICAL SYMBOL FOR AMALGAM  
 1F75C ♀ ALCHEMICAL SYMBOL FOR STRATUM SUPER STRATUM  
 1F75D ♀ ALCHEMICAL SYMBOL FOR STRATUM SUPER STRATUM-2

**Processes**

1F75E ♀ ALCHEMICAL SYMBOL FOR SUBLIMATION  
 → 260A ♀ ascending node  
 → 264E ♀ libra  
 1F75F ♀ ALCHEMICAL SYMBOL FOR PRECIPITATE  
 1F760 ♀ ALCHEMICAL SYMBOL FOR DISTILL  
 = sublimate  
 1F761 ♀ ALCHEMICAL SYMBOL FOR DISSOLVE  
 1F762 ♀ ALCHEMICAL SYMBOL FOR DISSOLVE-2  
 = water, aqua  
 1F763 ♀ ALCHEMICAL SYMBOL FOR PURIFY  
 → 260B ♀ descending node  
 1F764 ♀ ALCHEMICAL SYMBOL FOR PUTREFACTION

**Apparatus**

1F765 ♀ ALCHEMICAL SYMBOL FOR CRUCIBLE  
 = tigellum  
 → 1F70A ♀ alchemical symbol for vinegar  
 1F766 ♀ ALCHEMICAL SYMBOL FOR CRUCIBLE-2  
 1F767 ♀ ALCHEMICAL SYMBOL FOR CRUCIBLE-3  
 1F768 ♀ ALCHEMICAL SYMBOL FOR CRUCIBLE-4  
 → 22A4 T down tack  
 1F769 ♀ ALCHEMICAL SYMBOL FOR CRUCIBLE-5  
 1F76A ♀ ALCHEMICAL SYMBOL FOR ALEMBIC  
 1F76B ♀ ALCHEMICAL SYMBOL FOR BATH OF MARY  
 = balneum mariae  
 1F76C ♀ ALCHEMICAL SYMBOL FOR BATH OF VAPOURS  
 = balneum vaporis  
 1F76D ♀ ALCHEMICAL SYMBOL FOR RETORT  
 → 2697 ♀ alembic

**Time**

1F76E ♀ ALCHEMICAL SYMBOL FOR HOUR  
 → 231B ♀ hourglass  
 1F76F ♀ ALCHEMICAL SYMBOL FOR NIGHT  
 1F770 ♀ ALCHEMICAL SYMBOL FOR DAY-NIGHT  
 1F771 ♀ ALCHEMICAL SYMBOL FOR MONTH  
 = mensis  
 → 22A0 ♀ squared times

**Measures**

1F772 ♀ ALCHEMICAL SYMBOL FOR HALF DRAM  
 = drachma semis  
 → 0292 ♀ latin small letter ezh

1F773  $\frac{\text{z}}{\text{z}}$  ALCHEMICAL SYMBOL FOR HALF OUNCE  
= uncia semis  
→ 2125  $\text{z}$  ounce sign