

# Chemical composition of Parthian coins.

## American Numismatic Society - Bibliography Page 11



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### What is money made of? Chemistry!

It is the usual practice in mints to obtain much or most of the metal for the issue of new coins by melting down earlier ones, especially if these are badly worn, and at the time of Orodes I it is almost certain that most of the bronze coins of Mithradates I and Mithradates II still in circulation were in poor condition. This indicates that the layers of metal near the surface were more porous on the average than those farther below the surface. In his experiments on coins of various weights and sizes struck in England, France, Austria, Russia, and various German states between 1772 and 1846, he measured the specific gravity of each coin, assayed them for silver by the fire method, and compared the fineness computed from specific gravity

TABLE XXV THEORETICAL DEGREES OF SILVER FINENESS CORRESPONDING TO SPECIFIC GRAVITIES OF SILVER-COPPER ALLOYS EXPRESSED TO HUNDREDTHS OF UNITS IN SPECIFIC GRAVITY

Specific Gravity	Silver Fineness Increment	Rounded Fineness Increment
10		

### Weights, Diameters and Composition of Ancient Coins

The best course of action to prevent an allergic reaction is to avoid contact with products containing nickel and in this post we will to show how to make a cheap and quick nickel detection device at home or in the lab based on the reaction described above.

### Coin Production

This involves weighing to the fourth decimal place with sufficient care to establish the figure in the third place with entire certainty. Because of the lesser importance of the exact composition of the silver, and the greater accuracy of the computations, especially as regards the figures for the minor components, the figures calculated for Coins 16 and 17 are probably more reliable than the others. A loop for attachment to the suspension hook above the left pan of the balance is then made in the long end of the wire at such a point that the coin will be suspended in the middle of the glass vessel for the water when the balance is at rest.

### NNM

As this print on demand book is reprinted from a very old book, there could be some missing or flawed pages, but we always try to make the book as complete as possible. Numismatic Notes and Monographs, no. However, the penny composition material used to make a penny has changed over the years.

## **Penny Metal Composition by Year**

End Notes 7 On the basis of archaeological and numismatic evidence McDowell Coins from Seleucia on the Tigris Ann Arbor, 1935 , pp.

## **Euro coin design, features and compositions all make use of the properties of copper alloys**

The hemilitron, or 6 onkiai, with a mark of value composed of six pellets, was also struck, as well as the pentonkion 5 onkiai; five pellets , the tetras 4 onkiai; four pellets , the trias 3 onkiai; three pellets , the hexas 2 onkiai; two pellets , and the onkia itself one pellet.

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Before being analyzed, the specific gravity of each of the silver coins was measured by the method of Archimedes. The anvil die typically formed the obverse front of the coin, and the punch die the reverse back ; these are more conventionally referred to as the obverse die and reverse die , respectively.

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