

Result of pyx trial held 29 August 1716: coins found satisfactory.

Author: Isaac Newton
Source: MINT 19/1/299-301, National Archives, Kew, Richmond, Surrey, UK

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At the Tryal of the Pix 29th Aug^r. 1716

On ye Indenture dated 14 Ianry 1702 in ye first Year of 2: Ann to Isaac Newton Esq^r. now Sir Isaac Newton the Allowed remedy of which is for Gold 40 graines upon the Pound Weight either in fineness or weight or both & for silver 2^{dwt}. upon the Pound weight either in finess or weight or both &; also on a Warrant from K George dated 24 March 1714 in the first year of his reign to Continue the Coinage.

The gold & silver monies Coyned in his Majesties Mint within the Tower of London from the 2^d day of August 1715 exclusive to ye 29 day of August 1716 Inclusive The Gold Monies at 44^{li}. 10^s the Pound weight & the silver monies at 3^{li}. 2^s. the Pound weight with the monies in the Present Pix.

	Weight	Tale	Pix				
	liwt	liwt	s	d	li	s	d
Gold monies	34610	1540145	–	–	2308	–	–
Silver monies	2259	<u>7002</u>	<u>18</u>	<u>0</u>	<u>3</u>	<u>16</u>	<u>9</u>
Total		1547147	18	0	2311	16	9

Number of Iury summoned 24

Memorandum

Examined the standard weight of the Exchequer
& Goldsmiths Hall each Pile weighing 512
Ounces & found the Goldsmiths Hall weight
to be heavier by 18 grains

Turn Over

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August 29th 1716 Continued

In the Gold Pix of Sir Isaac Newton 2292 guineas 2292

2 five pound Pieces 10

12 half Guineas 6

£ 2308

In tale in the Pix 2308[£] weighing 620^{oz} 12^{dw} 6^{gr} or 51^{li} 8^{oz} 12^d 6^{gr}

of which sent to the pott 36 guineas

1 five pound Piece

7 half guineas oz d gr

together 44¹/₂ guineas weighing 11 19 3 sent to ye Pott

11 18 19 came from the Pott

8 wasted in melting

The weight of the Pix is 51^{li} 8^{oz} 12^d 6^{gr}

The Remedy is 40 grains on a pound which Amounts to 4^{oz} 6^d 4^{gr} which at 44^{li} 10^s the pound weight amounts to £15. 19. 6¹/₂

51^{li} 8^{oz} 12^d 6^{gr} at 44^{li} 10^s per pound amounts to £ 2301. 8. 9

so that there is too much in tale by £ – 6. 11. 3

£ 2308. –. –

li s d

The whole Remedy 4^{oz}. 6^d. 4^{gr} at 40 grains on ye pound £ 15 19 6¹/₂

The half of 15^{li} 19^s 6^d¹/₂ 7 19 9¹/₄

Too much in tale 6 11 3

within the Remedy on the tale £1 8 6¹/₄

Sent to ye Pott 11^{oz} 19^d 3^{gr} at 3^{li} 14^s 2^d per ounce £44 6 8³/₄

The assays of the Gold & silver monies was tryed by one silver standard piece & one Gold standard piece both bearing date the 15 October 1688

Reported upon the assay (according to the above standard piece)

Standard

August 29th 1716 Continued

In the silver Pix of Sir Isaac Newton

	li	s	d
In tale in the Pix 3 ^{li} 16 ^s 9 ^d weighing 14 ^{oz} 16 ^d 22 ^{gr} 7 Crowns	1	15	0
7 half Crowns	0	17	6
24 shillings	1	4	0
3 single pennys			3
£	<u>3</u>	<u>16</u>	<u>9</u>

Sent to ye Potts

5 Crowns 1 5 0

6 half Crowns 0 15 0

22 shillings 1 2 0 oz d gr 14^{oz} 16^d 22^{gr} at 5^s: 2^d per ounce

3 2 0 weighing 11 19 14 amounts to 3^{li} 16^s 8^d $\frac{1}{4}$

came from ye pott 11 18 0 too much in tale — $\frac{3}{4}$

wasted in Melting = 1 14 £ 3 16 9

The weight of the Pix is 1^{li} 2^{oz} 16^d 22^{gr}: the Remedy is 2^d on the

pound with Amounts to 2^{dw^t}: 11^{gr}: 8^{miters}: which at 5^s: 2 per ounce or 3^{li} 2^s 0^d per

pound is 0^{li}: 0^s: 7^d $\frac{3}{4}$ the half of 7^d $\frac{3}{4}$ is 0 0 3 $\frac{7}{8}$

too much in Tale 0 0 0 $\frac{3}{4}$

Sent to the Potts

within the Remedy

11^{oz} 19^d 14^{gr} at 5^s 2 per ounce 3^{li} 1^s 10^d $\frac{1}{2}$ } 0 0 3 $\frac{1}{8}$

on the tale

Reported upon the assay (according to ye Above Standard Piece)

Standard

Turn over

<300v>

August 29th 1716 Continued

**Coppy of the Iuries Verdict on Tryal
of the Monies in the Pix the 29 August 1716**

The assaye & tryal of his Majesties Coines in the Pix of the Mint within the Tower of London by us whose names are underwritten sworn before the Right Honourable ye Lords of his Majestys most Honourable Privy Councell the 29 Aug^t. 1716 at ye house Inhabited by ye Vsher within the Receipt of his Majestys Tower of London from the second day of August 1715 to the said 29 day of August 1716 as well by Vertue of a certain Indenture under the great seale of England bearing date ye 14 Ianry 1702 in the first Year of the Reign of her late Majesty Queen Ann made between her said Late Majesty of the One Part & Isaac Newton Esqr (now Sir Isaac Newton Knight) master & worker of her said late Majesties Mint of the other part. As also by vertue of a Warrant under the sign Mannual of his present Majesty King George bearing date the 21 March 1714 in the first Year of his said Majesties Reign directed unto the said Sir Richard Sandford being Warden & Martin Bladen Esq^r Comptroller of his said Majesties Mint

Gold taken out of the Pix according to the aforesaid Indenture and Warrant weighing $51^{\text{li}}: 8^{\text{s}}: 12^{\text{d}}: 6^{\text{q}}$ at $44^{\text{li}}: 10^{\text{s}}$ per pound weight amounts to $2301^{\text{li}} 9^{\text{s}} 9^{\text{d}}$ & makes in coined monies by tale (consisting of 2 five pound pieces 2292 twenty shilling pieces & 12 ten shilling pieces ye sum of 2308. And we taking out of the said sum of 2308^{li} one five pound piece 36 twenty shilling pieces & 7 ten shilling pieces making in coined monies by tale $44^{\text{li}} 10^{\text{s}} 0^{\text{d}}$ wee find to weigh Eleven ounces $19^{\text{d}}: 3^{\text{gr}}$ which at $3^{\text{li}} 14^{\text{s}} 2^{\text{d}}$ per ounce amounts to $44^{\text{li}} 6^{\text{s}} 8^{\text{d}} \frac{3}{4}$ & is in finess by the assay agreeable to the standard in his Majesties Treasury dated 15 October 1688

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August 29th 1716 Continued

Silver Monies taken out of the Pix according to the aforesaid Indenture & warrant weighing $1^{\text{li}}: 2^{\text{s}}: 16^{\text{d}}: 22^{\text{gr}}$ which at $3^{\text{li}}: 2^{\text{s}}: 0^{\text{d}}$ per pound weight amounts to $3^{\text{li}}: 16^{\text{s}}: 8^{\text{d}} \frac{1}{4}$ & makes in Coined monies by tale Consisting of 7 Crowns 7 half Crowns 24 shillings & 3 pennies) ye sum of 3. 15: $\frac{9}{4}$ and we taking out of the said sum of 3: 16: 9 5 Crowns 6 half Crowns 22 shillings amounting to by tale $3^{\text{li}} 2^{\text{s}} 0^{\text{d}}$ do find the same to weigh 11: 19: 14 which at 3: 2: 0 per pound weight makes three pounds one shilling & ten pence half penny & is in finess by the assay agreeable to the standard in his Majesties Treasury dated the 15 October 1688

The Verdict

Wee find by the assays & tryals of the several monies abovementioned that they are agreeable to the Standards in his Majesties Treasury & Covenants in the aforesaid Indenture & in Weight Tale and allay within ye Remedies Ordained in such manner and form as is above expressed & declared according to our best knowledge & discretions.
