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RECORD FILE

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DEPARTMENT OF COMMERCE

Bureau of Standards

Certificate of Analysis

OF

STANDARD SAMPLE No. 37

SHEET BRASS

FURNISHED BY BRIDGEPORT BRASS CO., BRIDGEPORT, CONN.

Analyst.	Tin.	Lead as PbSO ₄ .	Lead as PbO ₂ .	Copper.	Zinc.	Iron.	Nickel.
1.....	1.03	0.966	0.981	70.33	26.88	0.29	0.51
2.....	1.04	.....	.987	70.30	26.83	.27	.53
3.....	1.00	.....	1.00	70.27	26.92	.27	.51
4.....	.985	.975	.975	70.34	26.80	.30	.54
5.....	1.03	.....	1.00	70.23	26.87	.31	.53
6.....	.975	.967	.....	70.27	.....	.....	.....
7.....	.988	.961	.....	70.25	26.96	.31	.52
8.....	.955	.96	.....	70.28	27.03	.28	.50
9.....	.....	.....	.....	70.32	26.88	.31	.53
10.....	1.02	.963	.....	70.33	26.86	.29	.52
11.....	1.02	.96	1.01	70.29	26.92	.27	.51
12.....	1.06	.....	.973	70.24	26.83	.28	.52
13.....	1.055	.96	.99	70.32	26.86	.28	.50
Average.....	¹ 1.013	.964	.989	70.29	26.89	.29	.52

¹ This value is almost certainly a little too low.

INDEX TO ANALYSTS

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. J. A. Scherrer, Bureau of Standards. 2. Alden Merrill and F. N. Meyer, American Brass Co., Waterbury, Conn. 3. Bruno Woiciechowski, Lumen Bearing Co., Buffalo, N. Y. 4. J. G. Smull, National Lead Co., Brooklyn, N. Y. 5. Geo. L. Heath, Chief Chemist, Calumet & Hecla Smelting Works, Hubbell, Mich. 6. C. T. Bragg and E. E. Follin, Berry Bros. (Ltd.), Detroit, Mich. 7. Horace W. Staples, Bridgeport Brass Co., Bridgeport, Conn. | <ol style="list-style-type: none"> 8. Thorn Smith, Diack & Smith, Detroit, Mich. 9. C. L. Constant Co., New York City. 10. Geo. K. Elliott and S. A. Weigand, Lunkenheimer Co., Cincinnati, Ohio. 11. F. O. Clements and H. M. Williams, National Cash Register Co., Dayton, Ohio. 12. Laverne W. Spring, H. W. Larson, and H. W. Maack, Crane Co., Chicago, Ill. 13. Wm. B. Price and R. E. Johnson, Scovill Manufacturing Co., Waterbury, Conn. |
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S. W. STRATTON,
Director.

Washington, D. C.

11-5193

Jan. 15, 1914.