

January 28, 1949

Dr. V. F. Siegel,  
Aluminum Ore Company,  
E. St. Louis, Illinois.

Dear Doctor Siegel:

I send you herewith two copies of the analytical results on your men, and a bill to cover the cost of the analyses.

The lead concentration in the blood of individual men is slightly elevated above the mean of normal values, but in no instance is there evidence of dangerous lead absorption. Only one man's sample of urine had an unusual concentration, and only two were above upper normal levels. No evidence of dangerous lead exposure is provided by these data.

If there should be any questions about the results in any of these men, do not hesitate to let me have them.

Very truly yours,

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Robert A. Kehoe, M. D.

RAK ef

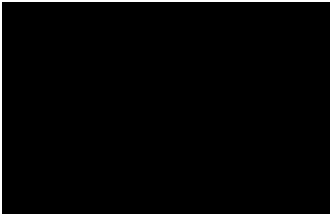
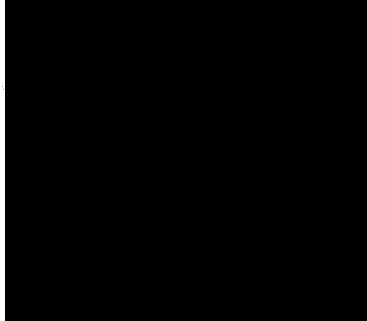
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KE 0005258

N 7293

ME 0005259

Material: Urine and Blood Samples  
 Submitted: 12-30-48 by Dr. Siegel and Mr. Roberts, Aluminum Ore  
 E. St. Louis, Illinois  
 Required: Lead Determinations

| Name                                                                               | URINE           |            |         |              | BLOOD           |              |         |
|------------------------------------------------------------------------------------|-----------------|------------|---------|--------------|-----------------|--------------|---------|
|                                                                                    | Analysis Number | Volume ml. | Sp. Gr. | Mg. Pb/Liter | Analysis Number | Spectrograph |         |
|                                                                                    |                 |            |         |              |                 | Weight Grams | Mg. 100 |
|    | 48A-12462       | 100        | 1.019   | 0.095        | 48A-12463       | 13.6         | 0.      |
|    | 48A-12440       | 100        | 1.018   | 0.05         | 48A-12441       | 14.4         | 0.      |
|    | 48A-12442       | 100        | 1.020   | 0.04         | 48A-12443       | 8.7          | 0.      |
|   | 48A-12444       | 32         | --      | 0.21         | 48A-12445       | 18.3         | 0.      |
|                                                                                    | 48A-12446       | 100        | 1.024   | 0.075        | 48A-12447       | 13.0         | 0.      |
|                                                                                    | 48A-12448       | 64         | 1.020   | 0.045        | 48A-12449       | 17.3         | 0.      |
|  | 48A-12450       | 100        | 1.017   | 0.07         | 48A-12451       | 21.0         | 0.      |
|  | 48A-12452       | 72         | 1.019   | 0.05         | 48A-12453       | 18.9         | 0.      |
|                                                                                    | 48A-12454       | 43         | 1.019   | 0.13         | 48A-12455       | 7.2          | 0.      |
|                                                                                    | 48A-12456       | 86         | 1.021   | 0.08         | 48A-12457       | 8.0          | 0.      |
|                                                                                    | 48A-12458       | 100        | 1.022   | 0.11         | 48A-12459       | 16.7         | 0.      |
|                                                                                    | 48A-12460       | 100        | 1.018   | 0.065        | 48A-12461       | 10.8         | 0.      |

\* Both analyses run from the same sample.

Reported: 1-26-49

KE 0005260

Material: Urine and Blood Samples

Submitted: 12-30-48 by Dr. Siegel and Mr. Roberts, Aluminum Ore  
E. St. Louis, Illinois

Required: Lead Determinations

| Name       | URINE              |               |         |                  | BLOOD              |                                 |            |
|------------|--------------------|---------------|---------|------------------|--------------------|---------------------------------|------------|
|            | Analysis<br>Number | Volume<br>ml. | Sp. Gr. | Mg. Pb/<br>Liter | Analysis<br>Number | Spectrograph<br>Weight<br>Grams | Mg.<br>100 |
| [REDACTED] | 48A-12462          | 100           | 1.019   | 0.095            | 48A-12463          | 13.6                            | 0.         |
| [REDACTED] | 48A-12440          | 100           | 1.018   | 0.05             | 48A-12441          | 14.4                            | 0.         |
| [REDACTED] | 48A-12442          | 100           | 1.020   | 0.04             | 48A-12443          | 8.7                             | 0.         |
| [REDACTED] | 48A-12444          | 32            | --      | 0.21             | 48A-12445          | 18.3                            | 0.         |
| [REDACTED] | 48A-12446          | 100           | 1.024   | 0.075            | 48A-12447          | 13.0                            | 0.         |
| [REDACTED] | 48A-12448          | 64            | 1.020   | 0.045            | 48A-12449          | 17.3                            | 0.         |
| [REDACTED] | 48A-12450          | 100           | 1.017   | 0.07             | 48A-12451          | 21.0                            | 0.         |
| [REDACTED] | 48A-12452          | 72            | 1.019   | 0.05             | 48A-12453          | 18.9                            | 0.         |
| [REDACTED] | 48A-12454          | 43            | 1.019   | 0.13             | 48A-12455          | 7.2                             | 0.         |
| [REDACTED] | 48A-12456          | 86            | 1.021   | 0.08             | 48A-12457          | 8.0                             | 0.         |
| [REDACTED] | 48A-12458          | 100           | 1.022   | 0.11             | 48A-12459          | 16.7                            | 0.         |
| [REDACTED] | 48A-12460          | 100           | 1.018   | 0.065            | 48A-12461          | 10.8                            | 0.         |

\* Both analyses run from the same sample.

Reported: 1-26-49

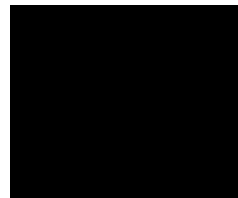
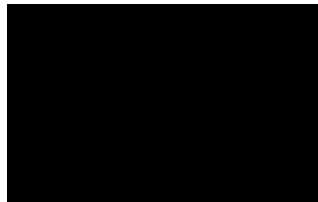
Robert A. Kehoe, M. D.  
College of Medicine Eden Avenue  
Cincinnati 19, Ohio

January 26, 1949

Aluminum Ore Company,  
E. St. Louis,  
Illinois.

Attention: Dr. V. P. Siegel

Analysis of Blood and Urine for Lead



\$120.00