

ASSAY CERTIFICATION

LEAD TYPE: PURE PB 99.99% LOCATION: HERCULANEUM
SUPPLIER LOT: D6409 SHIPMENT DATE:
SPECIFICATION: ORDER #: SO-0023314 LINE #: 2
PART NUMBER: TRACEABLE TO: NIST C2418
COLOR CODE: PIECES:
TEST METHOD: OPTICAL EMISSION SPECTROMETER POUNDS: 38,702
CUSTOMER LOCATION: BEACON FALLS, CT P.O. #:
BILL OF LADING: BL-0097333

- ANALYSIS -

<u>ELEMENT</u>	<u>ACTUAL VALUE</u>
ANTIMONY	< 0.0001
ARSENIC	< 0.0001
BISMUTH	< 0.0001
COPPER	< 0.0001
NICKEL	< 0.0001
SILVER	= 0.0011
TIN	< 0.0001
ZINC	< 0.0001

I certify that the analysis of this material is as stated in the above section.



SIGNATURE

LAB SUPERVISOR

TITLE

This Certificate of Analysis (COA) reports the number of significant digits for each element agreed to in your specification. Doe Run's spectrometers generally are capable of > 2 sigma detection limits, at 1 part per million. Lower than detectable results can therefore be reported as <0.0001% for pure lead, and may be reported as <0.0005% for some elements in alloys. In special cases, Doe Run may use an ICP and DR spectrometer combination to certify lots at levels lower than this. Some elements do not occur commonly in Doe Run lead. * Such elements are verified on a random basis, quarterly, using an outside lab. If you have a concern or question about this COA, please contact **Customer Service at (314) 453-7115.**