HLP LITHARGE

ASSAY GRADE

Application

This material is used for fire assaying processes for the quantitative determination of precious metals in an ore. It is the purest form of litharge, particularly low in silver and gold, and is milled to a fine and uniform particle size for enhanced reactivity and consistency of reaction.

Physical Properties

Color.....Yellow
Form.....fine powder
Specific Gravity..... 9.5 g/cc
Apparent Density.....26 - 36 g/cu.in.
Molecular Weight.....223.21
Refractive Index.....2.67
Melting Point.....1630°F. (888°C.)
Screen Analysis.....0.05% > 325 mesh
99.5% < 325 mesh
(U.S. Standard Sieve)

Chemical Composition

Element	Range
PbO (litharge)	99.88% minimum
Pb (free lead)	0.10% maximum
Pb_3O_4 (red lead)	0.02% maximum

Trace Elements

Elements	Maximum (%)
Fe_2O_3	0.0003
ZnO	0.0010
Cu_2O	0.0005
Ag	0.0004
Bi_2O_3	0.0003
As_2O_5,Sb_2O_3,SnO_2	0.0005
Ni, Te Th, Cd	0.0004
Co, Cr, Mn, Se	0.0001

Packaging
50 lb. / 22.68 kg Paper bags
700 lbs. / 317.51 kg Steel drums
Special packaging may be available upon request

Note:

This data sheet illustrates typical values for this product. If specific characteristics are required that are different from these values, please contact your area sales representative.

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