

Product Information

LEAD MONOXIDE (LITHARGE) 99 % EXTRAPURE

Lead monooxide, Lead protoxide, Litharge; Lead(II) oxide



Product Code	O-5255	Grade	Extrapure
Purity	99 %	CAS No	1317-36-8
Molecular Formula	PbO	Molecular Weight	223.20 g/mol
H.S.Code	2824.1000	Shelf Life	48 Months

Physical Properties

Physical state	Solid	pH value	8 - 9 at 100 g/l at 20 °C
Colour	Yellow to red	Solubility in water	0.0702 g/l at 20 °C
Melting point	886 °C	Density	9.530 g/cm ³ at 20 °C
Boiling point	> 600 °C at ca.1,013 hPa	Relative density	9.96 at 22.5 °C

Packaging

100 gram

Specification

Appearance	Yellow to light orange powder
Assay (as PbO)	99.0 - 100.5 %
Substance insoluble in dilute acids	max 0.2 %
Loss on ignition	max 0.2 %
Water Content	max 0.2%
Chloride (Cl)	max 0.02 %
Lead (as PbO ₂)	max 0.05%
Iron (as Fe ₂ O ₃)	max 0.002%
Copper (as CuO)	max 0.001%
Gold (Au)	max 0.0001 %
Silver (Ag)	max 0.00005 %

Safety Information and Hazard Symbols



Symbol: GHS06, GHS07, GHS09

Signal Word: danger

UN No.: 3077

IMCO Class No.: 9

Packing Group: III

Hazardous Statement: H302+H332-H351-H360Df-H362-H372-H410

Precaution Statement: P260-P263-P273-P301+P312-P304+P340+P312-P308+P313

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