



# Product Specification

## Product Name: LEAD(IV) OXIDE LR

Alternate Name(s) Lead dioxide; Lead oxide brown; lead peroxide; lead superoxide.

### Description

Dark-brown powder.

### Properties

Chemical Formula: PbO<sub>2</sub>

Molecular Weight: 239.20

Product Code: LL022

CAS No. 1309-60-0

### General Information:

Insoluble in water; soluble in hydrochloric acid, oxalic acids and alkali iodide solutions.

### Hazard and Safety Data

UN Group: III  
Class: 5.1  
UN Number: 1872  
Hazchem code: 2Z  
CS MSDS Code: WQT77J9G  
Poison schedule: S6  
Emergency  
Procedure Guide No.: 31

### Quality Specification

Assay: 97.0% min.

### Specific Properties and Impurities [Typical levels]:

Chloride (Cl)	≤ 0.02%
Sulfate (SO <sub>4</sub> )	≤ 0.005%
Copper (Cu)	≤ 0.01%
Iron (Fe)	≤ 0.02%
Zinc (Zn)	≤ 0.005%

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