

Product Specification

Product Name: LEAD(II,IV) OXIDE LR

Alternate Name(s) Lead oxide red, Lead tetraoxide; Red lead; mineral orange; mineral red.

Description

Reddish to yellowish powder; odourless;

Properties

Chemical Formula: Pb_3O_4

Molecular Weight: 685.57

Product Code: LL027

CAS No.: 1314-41-6

General Information:

Insoluble in water and alcohol, soluble in excess glacial acetic acid, in hot HCl with evolution of Cl and in diluted HNO₃ in presence of H₂O₂. Incompatible with strong reducing agents, strong oxidising agents, metals (in powder form) and alkali metals.

Quality Specification

Assay: 95% min. (as Pb₃O₄)

Specific Properties and Impurities [Typical levels]:

Appearance Heavy, orange red powder
Assay (as PbO₂) 33.3% min.

Hazard and Safety Data

UN Group: III
Class: 6.1
UN Number: 2291
Hazchem code: 2Z
CS MSDS Code: 1CH9H
Poison schedule: S6
Emergency
Procedure Guide No.: 34

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