

Product Name: Sodium succinate hexahydrate, 99%, Thermo Scientific Chemicals

Catalog Number: 041983.30

CAS Number: 6106-21-4

IUPAC Name: disodium butanedioate hexahydrate

Molecular Formula: C₄H₁₆Na₂O₁₀

Molecular Weight: 270.14

InChI Key: ZBTUYCUNQBRXOR-UHFFFAOYSA-L

SMILES: O.O.O.O.O.O.[Na+].[Na+].[O-]C(=O)CCC([O-])=O

Synonym: disodium succinate hexahydrate sodium succinate.6H₂O disodium butanedioate.6H₂O disodium succinate.6H₂O succinic acid disodium salt hexahydrate sodium succinate hexahydrate

Product Specification

Appearance (Color): White

Form: Crystals or powder or crystalline powder or granules

Heavy Metals (as Pb): ≤0.002%

Chloride content: ≤0.020%

pH: 6.0-9.0

Impurity content: Sulfate: Passes test

Assay from Supplier's CofA: ≥98.5 to ≤101.5%

Comment: Substances Reducing Permanganate: Passes test (pink color remains for > 10 min)

Loss on Drying: 37.0-41.0% (90°C)

Solution Test: 10% in water: Clear

Date Of Print: 03/12/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.