



Specification

Succinic Acid Disodium Salt 6 Hydrate

Catalog Number: SA1017
CAS Number: 6106-21-4
Synonyms: Butanedioic acid disodium salt; succinic acid disodium salt; Disodium succinate; sodium succinate hexahydrate
Molecular Formula: $C_4H_4Na_2O_4 \cdot 6H_2O$
Molecular Weight: 270.15

Test	Specification
Description:	White crystalline powder
Identification:	To Pass Test
Assay:	97.0 - 102.0 %
Loss on drying W/W%:	40% maximum
Chloride (Cl):	0.020 % maximum
Heavy Metals (as Pb):	0.002 % maximum
Sulfate (SO ₄)	To pass test
Solubility (10% H ₂ O):	Clear solution
pH of 0.4M Solution:	6.0 – 9.0
Substances Reducing Permanganate: (2g in 50ml water + 5ml (10% conc) H ₂ SO ₄ + 0.4 ml of 0.1N KMNO ₄)	Pink color should remain for 10 minutes.

Approved:

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