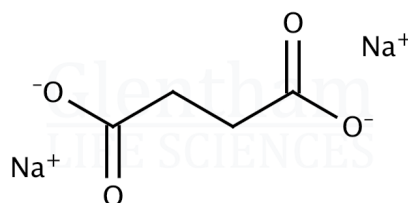


Product Specification

| | |
|-------------------|---|
| Product Name | Succinic acid disodium salt, anhydrous, USP grade |
| Glentham Code | GK2019 |
| CAS Number | 150-90-3 |
| EINECS | 205-778-7 |
| MDL Number | MFCD00002789 |
| Molecular Weight | 162.05 |
| Molecular Formula | $C_4H_4Na_2O_4$ |
| Storage Temp. | +20°C |



| Property | Specification |
|--------------------------------|----------------------------------|
| Physical Description | White crystalline powder |
| Identification (IR) | To conform to standard |
| Identification (HPLC) | To conform to standard |
| Identification | To pass test for sodium |
| pH (5% in water) | 7.0 - 9.0 |
| Sodium Acetate | ≤ 0.2% |
| Sodium Maleate | ≤ 0.1% |
| Sodium Fumarate | ≤ 0.1% |
| Sulphate (SO4) | ≤ 0.019% |
| Loss on Drying | ≤ 2.0% (120°C, 2h) |
| Assay | 98.0 - 102.0 % (dried substance) |
| Pharmacopoeia Specification(s) | USP |

| | | |
|-----------------------|---|------------|
| Specification Version | - | v1.0 |
| Date Created | - | 2017-06-22 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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