



[Certificates](#)

[SDS](#)

Gibco™

HBSS, no calcium, no magnesium, no phenol red

Hanks' Balanced Salt Solution (HBSS) is used for a variety of cell culture applications, such as washing cells before [Read more](#)

Have Questions? [Contact Us](#)

Change view



| Catalog Number | Quantity |
|--|-------------|
| 14175129 also known as 14175-129 ⓘ | 10 x 500 mL |
| 14175046 | 100 mL |
| 14175053 also known as 14175-053 ⓘ | 500 mL |
| 14175137 also known as 14175-137 ⓘ | 20 x 100 mL |

Catalog number 14175129 ★

also known as 14175-129

Price (MDL)

-

[Contact Us](#)

Quantity:

10 x 500 mL

[Customize this product](#)

[Product Overview](#)



[Ask our AI about this Product](#)

[FAQ](#)

[Documents](#)

Hanks' Balanced Salt Solution (HBSS) is used for a variety of cell culture applications, such as washing cells before dissociation, transporting cells or tissue, diluting cells for counting, and preparing reagents. Formulations without calcium and magnesium are required for rinsing chelators from the culture before cell dissociation. We offer a variety of Gibco™ HBSS formulations for a range of cell culture applications. Find the right formulation using the [media selector tool](#).

This HBSS is modified as follows:

With: Glucose, Sodium Bicarbonate

Without: Calcium, Magnesium, Phenol Red

The complete [formulation](#) is available.

For Research Use or Further Manufacturing. Not for diagnostic use or direct administration into humans or animals.

Specifications

| | |
|----------------------------------|---|
| Chemical Name or Material | Hanks' Balanced Salt Solution (HBSS) |
| Includes | No Calcium, No Magnesium |
| Manufacturing Quality | cGMP-compliant under the ISO 13485 standard |
| Osmolality | 260 - 310 mOsm/kg |
| Recommended Storage | Storage conditions: 15-30° C. Shipping conditions: Ambient. Shelf life: 36 months from date of manufacture. |
| Sterility | Sterile-filtered |
| Concentration | 1 X |

| | |
|----------------------|----------------------|
| Quantity | 10 x 500 mL |
| Solution Type | Hank's Balanced Salt |
| pH | 6.7 - 7.8 |
| Unit Size | Each |



[Explore all Gibco Balanced Salt Solutions to enable increased culture stability >](#)

Media Formulations

[14175 - HBSS, no calcium, no magnesium, no phenol red](#)



Have questions about this product? Ask our AI assisted search.

This is an AI-powered search and may not always get things right. You can help us make it better with a thumbs up or down on individual answers or by selecting the "Give feedback" button. Your search history and customer login information may be retained by Thermo Fisher and processed in accordance with our [Privacy Notice](#).

Frequently asked questions (FAQs)

Can I store Hank's Balanced Salt Solution (HBSS) in the refrigerator?



Documents & Downloads

Certificates

| Lot # | Certificate Type | Date | Catalog Number(s) |
|-------------------------|-------------------------|--------------|------------------------------|
| 3424602 | Certificate of Analysis | Apr 30, 2026 | 14175103, 14175053, 14175046 |
| 3358177 | Certificate of Analysis | Apr 08, 2026 | 14175103, 14175053, 14175046 |
| 3256025 | Certificate of Analysis | Apr 03, 2026 | 14175103, 14175053, 14175046 |
| 3348083 | Certificate of Analysis | Mar 19, 2026 | 14175103, 14175053, 14175046 |
| 3259378 | Certificate of Analysis | Mar 05, 2026 | 14175103, 14175053, 14175046 |

5 results displayed, search above for a specific certificate

[Request a Certificate](#)

Safety Data Sheets



Scientific Resources

Flyers



[Flyer: Choose the right Balanced Salt Solution for your cell culture](#)

Product Information

Manuals



 [Product Information Sheet: Buffered Saline Solutions](#)