

Datasheet for MB-015**10% Sodium Dodecyl Sulfate (SDS)****Overview**

Description:	10% (w/v) Sodium Dodecyl Sulfate (SDS) - MB-015
Item No.:	MB-015
Size:	100 mL
Applications:	IF

Product Details

Background:	SDS, sodium dodecyl sulfate is an anionic surfactant. SDS is commonly used in laboratory as component of buffer for cell lysis, cell lysis during DNA extraction and mostly in SDS-PAGE running buffer. Indeed, SDS is an anionic detergent applied to protein sample to linearize proteins and to impart a negative charge to linearized proteins.
Synonyms:	Sodium dodecyl sulfate buffer, Sodium laurilsulfate buffer, SDS buffer

Target Details

Purity/Specificity:	10% SDS was aseptically filtered through a Millipore 0.22 micron filter into clean, pre-sterilized containers. The product was tested on trypticase soy agar for 24 hours, 48 hours and 72 hours and was found to be negative for bacteria.
Relevant Links:	MB-015 SDS

Application Details

Suggested Applications:	IF (Based on references)
Application Note:	10% SDS is a concentrated stock solution and should be diluted appropriately with distilled, deionized water or equivalent to its final working concentration. Product consists of 10% (w/v) Sodium Dodecyl Sulfate (SDS). Meticulously prepared using ultra pure reagents dissolved in highly polished pharmaceutical grade deionized water.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	10 %
Buffer:	See application note.
Preservative:	None
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store container at room temperature (18° to 26° C) prior to opening.
Expiration:	Expiration date is six (6) months from date of receipt.

Images



Bottle

10% (w/v) Sodium Dodecyl Sulfate (SDS)

References

- Saar-Kovrov V et al. Protein carbamylation in atherosclerotic plaques correlates with uremia and disease progression, localizing predominantly to foam cells. *Front Immunol.* (2025)

Disclaimer

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