

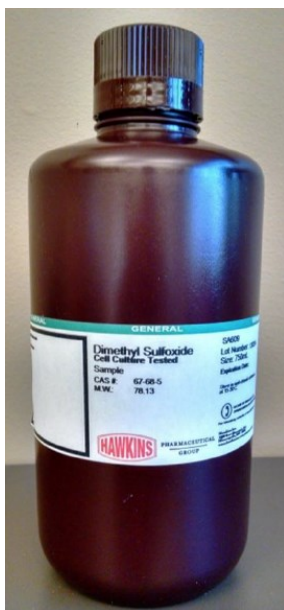


PHARMACEUTICAL
GROUP

Dimethyl Sulfoxide (DMSO)

Description

Hawkins Dimethyl Sulfoxide is produced under GMP conditions. This product is sterile filtered through a 0.2 μ filter and is tested for sterility and endotoxins. Hawkins DMSO is ideal for cryopreservation in conjunction with pharmaceutical manufacturing.



TEST	SPECIFICATION
Identification (IR)*	Matches reference standard ($\geq 90\%$)
Assay (anhydrous basis)	$> 99.9\%$
Water	$< 0.1\%$
Specific Gravity @ 25°C	1.095-1.101
Acidity (mL 0.01N NaOH)	< 5.0
Nonvolatile Residue	$< 0.01\%$
Related Compounds	$< 0.1\%$
Refractive Index @ 25°C	1.4755-1.4775
Sterility	Conforms
Endotoxin Level	< 1 EU/mL

Storage

DMSO has a freezing point of 18.5°C (65.4°F). Recommended storage is at controlled room temperature of 15-30°C. This product is light sensitive and should be stored in a light-resistant container. If product freezes during transport or storage, allow material to warm slowly until liquefaction occurs.

Country of Origin: This product is manufactured and distributed by Hawkins, Inc. Pharmaceutical Group, Minneapolis, MN.

Precautions and Disclaimer

For laboratory or further manufacturing use only. Not for drug, household or other uses. Review the Safety Data Sheet for additional information before handling this product. Purchaser must determine the suitability of this product for their particular application.



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