



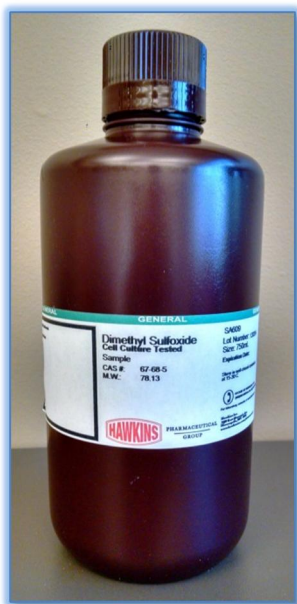
PHARMACEUTICAL
GROUP

www.hawkinsinc.com/groups/pharmaceutical

Dimethyl Sulfoxide (DMSO), Cell Culture Tested

Description

Hawkins Dimethyl Sulfoxide is produced under cGMP 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) | $\geq 99.9\%$ |
| Water | $\leq 0.1\%$ |
| Specific Gravity @ 25°C | 1.095-1.101 |
| Acidity (mL 0.01N NaOH) | ≤ 5.0 |
| Nonvolatile Residue | $\leq 0.01\%$ |
| Related Compounds | $\leq 0.1\%$ |
| 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. The shelf life of this product is three years.

Precautions and Disclaimer

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

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

cGMP Statement: Hawkins, Inc. certifies that this product is manufactured, packaged, labeled, and tested in accordance with current Good Manufacturing Practices conforming to the Q7A Good Manufacturing Practice Guidance for Active Pharmaceutical Ingredients of the US Food and Drug Administration.

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