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PRODUCT SPECIFICATION

产品规格书

Product Name	Dimethyl Sulfoxide (DMSO) ACS Reagent 99.9% Min	**Grade / Model**	ACS reagent, laboratory/research grade (Thermo Scientific Chemicals)
CAS No.	67-68-5	**Executive Standard**	ACS Reagent; Thermo Scientific Chemicals AC414880025 / related 036480.M6 public product specification and supplier COA.
Revision Date	2026-11-16	**HS Code**	2930.90 (other organo-sulfur compounds; confirm destination-country suffix)

No.	Item	Specification
1	Assay	≥99.9%
2	Appearance	Clear, colorless liquid
3	Water	≤0.1% (coulometric)
4	Residue after evaporation	≤0.01%
5	Titratable acid	≤0.001 meq/g
6	Refractive index	1.4770–1.4800
7	Melting point	18.4 °C (published physical value)
8	Density	1.1000 g/mL (published physical value)
9	Flash point	87 °C (published physical value)

Remarks: Packing: 2.5 L plastic bottle, Fisher catalog AC414880025 (https://www.fishersci.com/shop/products/bromelain-acros-organics-3/AC414880025). Related Thermo listing 036480.M6 also offers 500 mL, 1 L, 4 L and 4 × 4 L presentations.. Storage: Keep tightly closed in a dry, cool, well-ventilated place away from heat, sparks, flames, moist air and incompatible materials. DMSO is hygroscopic and freezes near room temperature; protect it from moisture and handle any solidification without contamination.

Specification basis: Public manufacturer specification; final supply subject to Richest COA. The selected grade is Thermo Scientific Chemicals ACS reagent ≥99.9%, with quality values from Fisher/Thermo and a matching CAS-specific Thermo Fisher SDS for H227 and modal transport decisions.