

Product Specification

Meets B.P. Chemical Specifications, Meets U.S.P Requirements, Meets E.P. Chemical Specifications, GMP Manufactured Product

Test	Specification
USP – Identification A	Passes Test
USP – Identification B	Passes Test
USP – Specific Gravity at 25°/25°C	1,095 – 1,101
USP – Refractive Index, $n^{25\wedge D}$	1,4755 – 1,4775
USP – Acidity	Passes Test
USP – Water (H ₂ O)	≤ 0,1 %
USP – Absorbance – 275 nm	≤ 0,20
USP – Absorbance – 270–350nm (smooth with no maxima)	Passes Test
USP – Absorbance Ratio – 285 nm/275 nm	≤ 0,65
USP – Absorbance Ratio – 295 nm/275 nm	≤ 0,45
USP – Nonvolatile Residue	≤ 0,01 %
USP – Related Compounds	≤ 0,1 %
USP – Assay ((CH ₃) ₂ SO)	≥ 99,9 %
EP – Identification	Passes Test
EP – Acidity	Passes Test
EP – Relative Density	1,100 – 1,104
EP – Refractive Index	1,478 – 1,480
EP – Freezing Point	≥ 18,3 °C
EP – Absorbance – 275 nm	≤ 0,30
EP – Absorbance – 285 nm	≤ 0,20
EP – Absorbance – 295 nm	≤ 0,20
EP – Absorbance – 270–350nm (smooth with no maxima)	Passes Test
EP – Related Substances: Unspecified imp	≤ 0,10 %
EP – Related Substances–Total Impurities	≤ 0,15 %
EP – Water (H ₂ O)	≤ 0,2 %
Water (H ₂ O), For Information Only	%

Dimethyl Sulfoxide
Multi-Compendial
(methyl sulfoxide)



Material No.: 9033-07

Test

Specification

GMP Manufactured Product

Bulk Pharmaceutical Chemical

CAUTION: For Manufacturing, processing or repackaging

No Class 1,2,3 or other solvents are used or produced in the manufacturing or purification of the product.

Metallic Residues: No metal catalysts or metal reagents, as defined by EMA Guideline EMEA/CHMP/SWP/4446/2000, are used in the production of this material.

Packaging Site: Paris Mfg Ctr & DC

For questions on this Product Specification please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

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