YUJI
HEBEI YUJI NEW MATERIAL TECHNOLOGY CO., LTD.

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CERTIFICATE OF ANALYSIS

Product Name	Dimethyl Sulfoxide （DMSO）	Batch No.	20260812
Sample Date	2026.08.12	Test Date	2026.08.12
Grade	Type II - Pharmaceutical Grade DMSO		
Item	Standard	Test Result	Test Method
DMSO Content (%)	≥99.96	99.994	GB/T 21395-2024
Moisture (ppm)	≤300	173	GB/T 21395-2024
Acid Value (mgKOH/g)	≤0.02	0.003	GB/T 21395-2024
Crystallizing Point (°C)	≥18.30	18.42	GB/T 21395-2024
Refractive Index (ND20°C)	1.4778-1.4800	1.4783	GB/T 21395-2024
Transmittance (400nm %)	≥99.0	100	GB/T 21395-2024
Appearance	Colorless transparent liquid or crystal	Colorless transparent liquid	GB/T 21395-2024
Odor	Odorless or slight odor	slight odor	GB/T 21395-2024
Color (APHA)	≤10.00	4.9	GB/T 3143-1982
Density (g/cm³)	1.0940-1.1030	1.0962	GB/T 4472-2011
UV Absorbance (275nm)	≤0.30	0.291	ChP
UV Absorbance (285nm)	≤0.20	0.183	ChP
UV Absorbance (295nm)	≤0.20	0.103	ChP
UV Ratio (285nm/275nm)	≤0.65	0.629	ChP
UV Ratio (295nm/275nm)	≤0.45	0.354	ChP
Absorption maxima(270-350nm)	No absorption maxima within 270-350nm	-	ChP
Non-volatile Residue（w/%）	≤0.01	0.001	ChP
Remark			
Sample Retention Time	Four years		
Report date	2026.08.12		

