

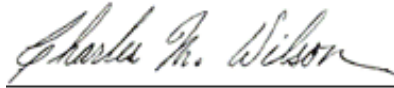
EM SCIENCE

CERTIFICATE OF ANALYSIS

NAME: Methylsulfoxide [Dimethyl Sulfoxide]
OmniSolv®
ITEM NUMBER: MX1456
LOT NUMBER: 42007
FORMULA: (CH₃)₂SO
FORMULA WT: 78.14

Data Order No: 00068006

PROPERTY	LIMITS		RESULTS	UNITS
	Min.	Max.		
Assay (GC)	99.9		>99.99	%
Color (APHA)		10	<10	
Filtered through 0.2 µm filter			Passes test	
Form			Clear liquid	
Infrared spectrum			Conforms	
Residue after evaporation		5	1.0	ppm
UV Abs. at 263 nm		1.00	0.8014	AU
UV Abs. at 270 nm		0.30	0.2297	AU
UV Abs. at 275 nm		0.15	0.1008	AU
UV Abs. at 280 nm		0.10	0.0517	AU
UV Abs. at 335 nm		0.01	0.0038	AU
UV Cut-off		263	261.76	nm
Water (H ₂ O)		0.05	0.012	%



Charles M. Wilson,
Quality Assurance Manager
Analysis Date: 1/7/02 11:32:40 AM