



EMD Chemicals Inc.
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Name: Methyl tert-Butyl Ether
OmniSolv®

Formula: $\text{CH}_3\text{OC}(\text{CH}_3)_3$

Item Number: MX0826-1, MX0826-36, MX0826-6, MX0826-901,
MX0826-NP20

Formula Wt: 88.14

Lot Number: 47319

Data Order No: 000411957

CHARACTERISTIC	REQUIREMENT		RESULTS	UNITS
	Min.	Max.		
Assay (GC)	99.5		> 99.99	%
Infrared spectrum			Conforms	
Titration acid			0.02	µeq/g
Color (APHA)		10	< 10	
Form			Clear liquid	
Peroxide (as H ₂ O ₂)		1	< 0.10	ppm
Residue after evaporation		1	< 0.5	ppm
Water (H ₂ O)		0.05	0.002	%
Capillary ECD responsive substances (as PCNB)		5	1.30	ng/L
Fluorescence (as quinine base)		500	92	ppt
UV Abs. at 210 nm		0.75	0.63	AU
UV Abs. at 220 nm		0.50	0.26	AU
UV Abs. at 225 nm		0.30	0.23	AU
UV Abs. at 250 nm		0.10	0.06	AU
UV Abs. at 270 nm		0.01	0.00	AU
UV Abs. at 300 nm		0.005	-0.01	AU
Filtered through 0.2 µm filter			Passes test	

Charles M. Wilson,
Quality Assurance Manager
Release Date: 11/16/2007

EMD Chemicals Inc.
(Formerly EM Science, A Division of EM Industries, Inc.)
An Affiliate of Merck KGaA, Darmstadt, Germany