



EMD Chemicals Inc.
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Name: Methanol
Special Anhydrous, GR ACS
Meets ACS Specifications

Formula: CH₃OH

Item Number: MX0487-20, MX0487-3, MX0487-31, MX0487-36,
MX0487-37, MX0487-38, MX0487-39, MX0487-5,
MX0487-6, MX0487-901, MX0487-PP20

Formula Wt: 32.04

Lot Number: 49060

Data Order No: 000418903

CHARACTERISTIC	REQUIREMENT		RESULTS	UNITS
	Min.	Max.		
Appearance			Passes test	
Assay (GC)	99.8		> 99.99	%
Color (APHA)		10	< 10	
Residue after evaporation		0.001	< 0.0001	%
Solubility in water			Passes test	
Substances darkened by sulfuric acid			Passes test	
Substances reducing permanganate			Passes test	
Titration acid		0.0003	0.00027	meq/g
Titration base		0.0002	0.00004	meq/g
Water (H ₂ O)		0.03	0.001	%
Carbonyl comps (acetone, formaldehyde, acetaldehyde)		0.001	< 0.0001	%

Charles M. Wilson,
Quality Control Manager

Release Date: 2/27/2009

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