



EMD Chemicals Inc.  
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Gibbstown, NJ 08027  
Phone 856-423-6300  
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**Name:** Methanol  
AQUASTAR® CombiMethanol  
Meets ACS Specifications

**Formula:** CH<sub>3</sub>OH

**Item Number:** 1.88009, 1.88009-901, 1.88009.1045, 1.88009.1000

**Formula Wt:** 32.04

**Lot Number:** 45255

**Data Order No:** 000096455

CHARACTERISTIC	REQUIREMENT		RESULTS	UNITS
	Min.	Max.		
Assay (GC)	99.8		99.98	%
Appearance			Clear liquid	
Solubility in water			Passes test	
Titration acid		0.0003	0.00027	meq/g
Titration base		0.0002	0.00004	meq/g
Color (APHA)		10	< 10	
Carbonyl comps (acetone, formaldehyde, acetaldehyde)		0.001	0.0004	%
Substances darkened by sulfuric acid			Passes test	
Substances reducing permanganate			Passes test	
Residue after evaporation		0.001	< 0.0001	%
Water (H <sub>2</sub> O)		0.01	0.002	%
#Expiration date			30-SEP-2008	

Charles M. Wilson,  
Quality Assurance Manager  
Release Date: 9/12/2005

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