

Certificate of Analysis



Date of Release: 9/2/2021
 Name: Methanol
 OmniSolv®, For HPLC
 Item No: MX0488 all size codes
 Lot / Batch No: 61238
 Country of Origin: USA

Characteristic	Requirement		Results	Units
	Min.	Max.		
Acetone		10	< 10	ppm
Assay (GC)	99.9		> 99.99	%
Color (APHA)		10	< 10	
Evaporation residue		1	< 0.1	ppm
Filtered through 0.2 µm filter			Passes test	
Fluorescence (as quinine base)		250	86	ppt
Form			Clear liquid	
Gradient at 235 nm		0.001	0.0003	AU
Gradient at 254 nm		0.001	0.00006	AU
Identity (IR-spectrum)			Conforms	
Refractive index (at 20 °C)	1.327	1.329	1.3285	
The product is purged with nitrogen prior to UV analysis			Purged	
Titration acid		0.3	0.13	µeq/g
Titration base		0.2	< 0.01	µeq/g
UV Abs. at 203 nm		1.00	0.688	AU
UV Abs. at 205 nm		0.80	0.424	AU
UV Abs. at 210 nm		0.25	0.148	AU
UV Abs. at 220 nm		0.10	0.047	AU
UV Abs. at 230 nm		0.03	0.021	AU
UV Abs. at 250 nm		0.01	0.004	AU
UV Abs. at 260 nm		0.005	0.002	AU
UV Abs. at 300 nm		0.005	< 0.001	AU
UV Cut-off		203	201.5	nm
Water (H ₂ O)		0.05	0.0026	%

Heather Sinn,

 Quality Control Manager

This document has been produced electronically and is valid without a signature.

EMD Millipore is a division of Merck KGaA, Darmstadt, Germany
 EMD Millipore Corporation
 400 Summit Drive,

Burlington, MA 01803
U.S.A