

# Certificate of Analysis



Date of Release: 7/5/2022  
 Name: Methanol  
 OmniSolv®, For LC/MS  
 Item No: MX0486 all size codes  
 Lot / Batch No: 62182  
 Country of Origin: USA

Characteristic	Requirement		Results	Units
	Min.	Max.		
Assay (GC)	99.9		> 99.99	%
Color (APHA)		10	< 10	
Evaporation residue		1	< 0.5	ppm
Filtered through 0.2 µm filter			Passes test	
Fluorescence as quinine at 254 nm		1	0.07	ppb
Fluorescence as quinine at 365 nm		1	0.10	ppb
Form			Clear liquid	
Gradient at 235 nm		1	0.11	mAU
Gradient at 254 nm		1	0.11	mAU
Identity (IR-spectrum)			Conforms	
LC/MS Purity (p-nitrophenol)		50	< 50	ppb
LC/MS Purity (reserpine)		50	< 50	ppb
Metals, suitable for LC/MS			Conforms	
Titration acid		0.3	0.23	µeq/g
Titration base		0.2	0.02	µeq/g
UV Abs. at 210 nm		0.3	0.198	AU
UV Abs. at 220 nm		0.1	0.076	AU
UV Abs. at 230 nm		0.04	0.036	AU
UV Abs. at 240 nm		0.03	0.017	AU
UV Abs. at 250 nm		0.01	0.008	AU
UV Abs. at 270 nm		0.01	0.004	AU
UV Abs. at 400–280 nm		0.005	0.003	AU
UV Cut-off		205	201.6	nm
Water (H <sub>2</sub> O)		0.05	0.0028	%

Charles Phillips,  
 -----

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