

# Certificate of Analysis



Date of Release: 4/26/2021  
 Name: Methanol  
 OmniSolv®, For LC/MS  
 Item No: MX0486 all size codes  
 Lot / Batch No: 61113  
 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	0.12	ppb
Fluorescence as quinine at 365 nm		1	0.10	ppb
Form			Clear liquid	
Gradient at 235 nm		1	0.18	mAU
Gradient at 254 nm		1	0.15	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	0.26	µeq/g
Titration base		0.2	0.11	µeq/g
UV Abs. at 210 nm		0.3	0.178	AU
UV Abs. at 220 nm		0.1	0.058	AU
UV Abs. at 230 nm		0.04	0.020	AU
UV Abs. at 240 nm		0.03	0.001	AU
UV Abs. at 250 nm		0.01	-0.007	AU
UV Abs. at 270 nm		0.01	-0.010	AU
UV Abs. at 400-280 nm		0.005	-0.002	AU
UV Cut-off		205	201.7	nm
Water (H <sub>2</sub> O)		0.05	0.0004	%

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