Certificate of Analysis

Date of Release:	3/28/2022
Name:	Methanol OmniSolv®, For LC/MS
Item No:	MX0486 all size codes
Lot / Batch No:	62084
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	0.06	ppb
Fluorescence as quinine at 365 nm		1	0.16	ppb
Form			Clear liquid	
Gradient at 235 nm		1	< 0.10	mAU
Gradient at 254 nm		1	0.17	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	
Titrable acid		0.3	0.23	µeq/g
Titrable base		0.2	0.02	µeq/g
UV Abs. at 210 nm		0.3	0.232	AU
UV Abs. at 220 nm		0.1	0.098	AU
UV Abs. at 230 nm		0.04	0.042	AU
UV Abs. at 240 nm		0.03	0.015	AU
UV Abs. at 250 nm		0.01	0.005	AU
UV Abs. at 270 nm		0.01	< 0.001	AU
UV Abs. at 400−280 nm		0.005	< 0.001	AU
UV Cut−off		205	201.4	nm
Water (H2O)		0.05	0.0002	%

Heather Sinn,
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Quality Control Manager
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