

Certificate of Analysis



501331
M2523-4L

Date of Release: 11/14/2024
 Name: Methanol
 OmniSolv®, For HPLC
 Item No: MX0488 all size codes
 Lot / Batch No: 64305
 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	32	ppt
Form			Clear liquid	
Gradient at 235 nm		0.001	0.0001	AU
Gradient at 254 nm		0.001	0.00006	AU
Identity (IR-spectrum)			Conforms	
Refractive index (at 20 °C)	1.327	1.329	1.3284	
The product is purged with nitrogen prior to UV analysis			Sample is purged	
Titration acid		0.3	0.30	µeq/g
Titration base		0.2	0.05	µeq/g
UV Abs. at 203 nm		1.00	0.708	AU
UV Abs. at 205 nm		0.80	0.440	AU
UV Abs. at 210 nm		0.25	0.158	AU
UV Abs. at 220 nm		0.10	0.050	AU
UV Abs. at 230 nm		0.03	0.022	AU
UV Abs. at 250 nm		0.01	0.004	AU
UV Abs. at 260 nm		0.005	< 0.001	AU
UV Abs. at 300 nm		0.005	< 0.001	AU
UV Cut-off		203	201.6	nm
Water (H ₂ O)		0.05	0.0014	%

Michael Hutchinson.

Quality Control Manager
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