



Biosolve Chimie
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Certified ISO 9001:2015

Internet website: www.biosolve-chemicals.com

CERTIFICATE OF COMPLIANCE/ANALYSIS

Product : Methanol absolute HPLC Supra-gradient 4 L

Synonym: Methyl alcohol.



Article no : 0013683504BS

CAS 67-56-1

M.P. -98 °C

Lot#: 0010004015

EC NO 200-659-6

B.P. 64.7 °C

Grade: HPLC Supra-Gradient
(Reag. EP/BP/USP)

FW CH4O

n20/D1.329

MW 32.04

DENSITY 0.791

UN 1230,3,II

Test	Specification	Result
Clear colorless liquid	Complying	Complving
Acidity (as Acetic acid)	<= 0.002 %	0.001 %
Color (APHA Pt-Co)	<= 10	5
Fluorescence 254nm (as Quinine)	<= 1 ppb	< 1 ppb
Fluorescence 365nm (as Quinine)	<= 0.5 ppb	< 0.5 ppb
Assay (GC on anhydrous basis)	>= 99.95 %	99.99 %
Grad. elution H.Peak at 235nm	<= 0.002 AU	0.001 AU
Grad. elution H.Peak at 254nm	<= 0.001 AU	< 0.001 AU
Residue after evaporation	<= 0.0002 %w/w	< 0.0001 %w/w
Water (KF)	<= 0.03 %w/w	0.02 %w/w
UV Trans. 210nm	>= 40 %	40 %
UV Trans. 220nm	>= 60 %	66 %
UV Trans. 230nm	>= 78 %	83 %
UV Trans. 235nm	>= 85 %	88 %
UV Trans. 250nm	>= 95 %	97 %
UV Trans. 260nm	>= 98 %	99 %
UV Abs. 225nm	<= 0.17 AU	0.12 AU
Silver (Ag)	<= 0.1 ppm	< 0.1 ppm
Aluminum (Al)	<= 0.05 ppm	< 0.05 ppm
Barium (Ba)	<= 0.1 ppm	< 0.1 ppm
Bismuth (Bi)	<= 0.1 ppm	< 0.1 ppm
Calcium (Ca)	<= 0.1 ppm	< 0.1 ppm
Cadmium (Cd)	<= 0.05 ppm	< 0.05 ppm
Cobalt (Co)	<= 0.1 ppm	< 0.1 ppm
Chromium (Cr)	<= 0.05 ppm	< 0.05 ppm
Copper (Cu)	<= 0.05 ppm	< 0.05 ppm
Iron (Fe)	<= 0.02 ppm	< 0.02 ppm
Potassium (K)	<= 0.1 ppm	< 0.1 ppm
Lithium (Li)	<= 0.1 ppm	< 0.1 ppm
Magnesium (Mg)	<= 0.05 ppm	< 0.05 ppm
Manganese (Mn)	<= 0.05 ppm	< 0.05 ppm
Molybdenum (Mo)	<= 0.05 ppm	< 0.05 ppm



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Test	Specification	Result
Sodium (Na)	<= 0.1 ppm	< 0.1 ppm
Nickel (Ni)	<= 0.02 ppm	< 0.02 ppm
Lead (Pb)	<= 0.05 ppm	< 0.05 ppm
Tin (Sn)	<= 0.05 ppm	< 0.05 ppm
Strontium (Sr)	<= 0.05 ppm	< 0.05 ppm
Zinc (Zn)	<= 0.1 ppm	< 0.1 ppm

Filtered through 0.2um, filled under inert gas.

Manufacturing Date : 10/2021

Expiration Date : 03/2025

TERMS OF SALE:

SELLERS ONLY OBLIGATION SHALL BE TO REPLACE SUCH QUANTITY OF THE PRODUCT PROVEN TO BE DEFECTIVE. SELLER SHALL NOT BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE, MISUSE, OR THE INABILITY TO USE THE PRODUCT. USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE AND SHALL ASSUME ALL LIABILITY IN CONNECTION THEREWITH.

Store at room temperature in a shaded and ventilated place.

Our COA's are computer printouts and therefore valid without signature.

SDS is available on our website.

Y.Shalom Ph.D.
 QC Manager