



Biosolve Chimie
20 Rue Roger Husson, 57260 Dieuze, France.

Tel: +33 3 878 675 80 Fax: +33 3 878 675 89
Email: info@biosolve-chimie.com

Certified ISO 9001:2015

Biosolve BV
Kerkhofstraat 21, 5554HG Valkenswaard, the Netherlands.

Tel: +31-(0)40-2071300 Fax: +31-(0)40-204 85 37
Email: info@biosolve-chemicals.com

Internet website: www.biosolve-chemicals.com

CERTIFICATE OF COMPLIANCE/ANALYSIS

Product : Methanol absolute ULC/MS - CC/SFC 4 L

Synonym: Methyl alcohol.



Article no : 0013684104BS

CAS 67-56-1

M.P. -98 °C

Lot#: 0010010923

EC NO 200-659-6

B.P. 64.7 °C

Grade: ULC/MS - CC/SFC

FW CH4O

n20/D1.329

MW 32.04

DENSITY 0.791

UN 1230,3,II

Test	Specification	Result
Clear colorless liquid	Complying	Complying
Color (APHA Pt-Co)	<= 5	5
Assay (GC on anhydrous basis)	>= 99.98 %	99.99 %
Residue after evaporation	<= 0.0001 %w/w	< 0.0001 %w/w
Water (KF)	<= 0.03 %w/w	0.01 %w/w
Acidity (as Acetic acid)	<= 0.002 %	0.001 %
Alkalinity (as Ammonia)	<= 0.0001 %	0.0001 %
UHPLC/MS ESI/APCI+ (as Reserpine)	<= 6 ppb	< 5 ppb
UHPLC/MS ESI/APCI- (as Reserpine)	<= 20 ppb	< 20 ppb
H.Peak by PDAD 220-400nm	<= 0.004 AU	0.001 AU
Grad. elution H.Peak at 220nm	<= 0.004 AU	0.001 AU
Grad. elution drift at 220nm	<= 0.05 AU	0.03 AU
Grad. elution H.Peak at 235nm	<= 0.002 AU	0.001 AU
Grad. elution drift at 235nm	<= 0.015 AU	0.012 AU
Fluorescence 254nm (as Quinine)	<= 0.5 ppb	< 0.3 ppb
Fluorescence 365nm (as Quinine)	<= 0.3 ppb	< 0.3 ppb
UV Trans. 210nm	>= 40 %	40 %
UV Trans. 220nm	>= 65 %	66 %
UV Trans. 230nm	>= 80 %	82 %
UV Trans. 260nm	>= 98 %	99 %
Silver (Ag)	<= 50 ppb	< 50 ppb
Aluminum (Al)	<= 20 ppb	< 20 ppb
Barium (Ba)	<= 50 ppb	< 50 ppb
Bismuth (Bi)	<= 50 ppb	< 50 ppb
Calcium (Ca)	<= 50 ppb	< 50 ppb
Cadmium (Cd)	<= 50 ppb	< 50 ppb
Cobalt (Co)	<= 20 ppb	< 20 ppb
Chromium (Cr)	<= 20 ppb	< 20 ppb
Copper (Cu)	<= 20 ppb	< 20 ppb
Iron (Fe)	<= 20 ppb	< 20 ppb
Potassium (K)	<= 50 ppb	< 50 ppb
Lithium (Li)	<= 50 ppb	< 50 ppb
Magnesium (Mg)	<= 20 ppb	< 20 ppb



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DENSITY 0.791

UN 1230,3,II

Test	Specification	Result
Manganese (Mn)	<= 20 ppb	< 20 ppb
Molybdenum (Mo)	<= 50 ppb	< 50 ppb
Sodium (Na)	<= 50 ppb	< 50 ppb
Nickel (Ni)	<= 20 ppb	< 20 ppb
Lead (Pb)	<= 20 ppb	< 20 ppb
Tin (Sn)	<= 50 ppb	< 50 ppb
Strontium (Sr)	<= 50 ppb	< 50 ppb
Zinc (Zn)	<= 50 ppb	< 50 ppb

Filtered through 0.1um, filled under inert gas.

Manufacturing Date : 02/2023

Expiration Date : 02/2026

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