

**BIOSOLVE**

*Because it's pure*



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# History

- 1974 • Bio-LAB Ltd was founded in Jerusalem as a Cell culture media laboratory
- 1979 • Creation of the chemical and Solvents purification department  
• Creation of the DNA and Formulation lines
- 1992 • Creation of the Molecular Biology reagents line
- 1993 • Creation of the Organic chemistry facilities for custom services  
• Launching various R&D projects supported by the Ministry of Industry's CSO and bi-national funds  
• Launching Custom work and tailored projects
- 1995 • Establishing Biosolve subsidiary as a marketing arm in Europe
- 1998 • Bio-Lab moves to its BRAND NEW 7000 m<sup>2</sup> FACILITIES in Jerusalem  
• Starting Lipids and Sphingolipids Production.
- 2003 • Starting activity in Peptide reagents and AA derivatives



## Solvents

- Solvents and chemicals: CP, AR, Headspace
- High purity Solvents and formulations for HPLC: ULC-MS, LC-MS, Supra gradient, HPLC-S, HPLC-R
- SpectroGrades: Spectropure & Spectrofluopure for UV-Vis. chromatography
- Environmental solvents: Pesti-S, Dioxins, PAH, LV-GC, Capillary GC
- Dry solvents: Supra-dry, Extra-dry, Safe-dry system
- Molecular biology – Reagents, buffers, Patented novel transfection kits
- DNA synthesis: Ancillary reagents, Phosphoramidites, Modifiers, Bulk CPG, Columns
- Peptide synthesis- Amino Acids derivatives and Reagents
- Organic synthesis



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## HPLC differences

Solvents and chemicals: CP, AR, Headspace High purity Solvents and formulations for PLC ULC-MS, LC-MS, Supra gradient, HPLC-S,HPLC-R SpectroGrades: Spectropure & Spectrofluopure for UV-Vis. chromatography. Environmental solvents: Pesti-S, Dioxins, PAH, LV-GC, Capillary GC. Dry solvents: Supra-dry, Extra-dry, Safe-dry system. Molecular biology – Reagents, buffers, Patented novel transfection kits. DNA synthesis: Ancillary reagents, Phosphoramidites, Modifiers, Bulk CPG, Columns. Peptide synthesis- Amino Acids derivatives and Reagents. Organic synthesis. Solvents and chemicals:

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Organic synthesis. Solvents and chemicals: CP, AR, Headspace High purity Solvents and formulations for PLC ULC-MS, LC-MS, Supra gradient, HPLC-S,HPLC-R SpectroGrades: Spectropure & Spectrofluopure for UV-Vis. chromatography. Environmental solvents: Pesti-S, Dioxins, PAH, LV-GC, Capillary GC. Dry solvents: Supra-dry, Extra-dry, Safe-dry system. Molecular biology – Reagents, buffers, Patented novel transfection kits. DNA synthesis: Ancillary reagents, Phosphoramidites, Modifiers, Bulk CPG, Columns. Peptide synthesis- Amino Acids derivatives and Reagents. Organic synthesis.



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# HPLC

Acidity	Max.	0.001%
Alkalinity	Max.	0.0001%
Appearance	Clear colorless liquid	
Assay	Min.	99.97 %
Color	Max.	5
Fluorescence at 254 nm	Max.	0.3 ppb
Fluorescence at 254 nm	Max.	0.3 ppb
HPLC gradien test-drift at 210nm	Max.	0.006AU
HPLC gradien test-drift at 210nm	Max.	0.006AU
HPLC gradien test-drift at 210nm	Max.	0.006AU
HPLC gradien test-drift at 210nm	Max.	0.006AU
Identity	Conforms to standard	
Residue on evaporation	Max	0.0001%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
Water	Max.	0.01%

# HPLC-R

Acidity	Max.	0.001%
Alkalinity	Max.	0.0001%
Appearance		Clear colorless liquid
Assay	Min.	99.97 %
Color	Max.	5
Fluorescence at 254 nm	Max.	0.3 ppb
Fluorescence at 254 nm	Max.	0.3 ppb
HPLC gradien test-drift at 210nm	Max.	0.006AU
HPLC gradien test-drift at 210nm	Max.	0.006AU
HPLC gradien test-drift at 210nm	Max.	0.006AU
HPLC gradien test-drift at 210nm	Max.	0.006AU
Identity		Conforms to standard
Residue on evaporation	Max	0.0001%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
Water	Max.	0.01%

# HPLC-A

Acidity	Max.	0.001%
Alkalinity	Max.	0.0001%
Appearance		Clear colorless liquid
Assay	Min.	99.97 %
Color	Max.	5
Fluorescence at 254 nm	Max.	0.3 ppb
Fluorescence at 254 nm	Max.	0.3 ppb
HPLC gradien test-drift at 210nm	Max.	0.006AU
HPLC gradien test-drift at 210nm	Max.	0.006AU
HPLC gradien test-drift at 210nm	Max.	0.006AU
HPLC gradien test-drift at 210nm	Max.	0.006AU
Identity		Conforms to standard
Residue on evaporation	Max	0.0001%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
Water	Max.	0.01%

HPLC-S

Acidity	Max.	0.001%
Alkalinity	Max.	0.0001%
Appearance	Clear colorless liquid	
Assay	Min.	99.97 %
Color	Max.	5
Fluorescence at 254 nm	Max.	0.3 ppb
Fluorescence at 254 nm	Max.	0.3 ppb
HPLC gradien test-drift at 210nm	Max.	0.006AU
HPLC gradien test-drift at 210nm	Max.	0.006AU
HPLC gradien test-drift at 210nm	Max.	0.006AU
HPLC gradien test-drift at 210nm	Max.	0.006AU
Identity	Conforms to standard	
Residue on evaporation	Max	0.0001%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
Water	Max.	0.01%

HPLC-P

Acidity	Max.	0.001%
Alkalinity	Max.	0.0001%
Appearance		Clear colorless liquid
Assay	Min.	99.97 %
Color	Max.	5
Fluorescence at 254 nm	Max.	0.3 ppb
Fluorescence at 254 nm	Max.	0.3 ppb
HPLC gradien test-drift at 210nm	Max.	0.006AU
HPLC gradien test-drift at 210nm	Max.	0.006AU
HPLC gradien test-drift at 210nm	Max.	0.006AU
HPLC gradien test-drift at 210nm	Max.	0.006AU
Identity		Conforms to standard
Residue on evaporation	Max	0.0001%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
UV Transmittance at 191 nm	Min.	30%
Water	Max.	0.01%



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## Content

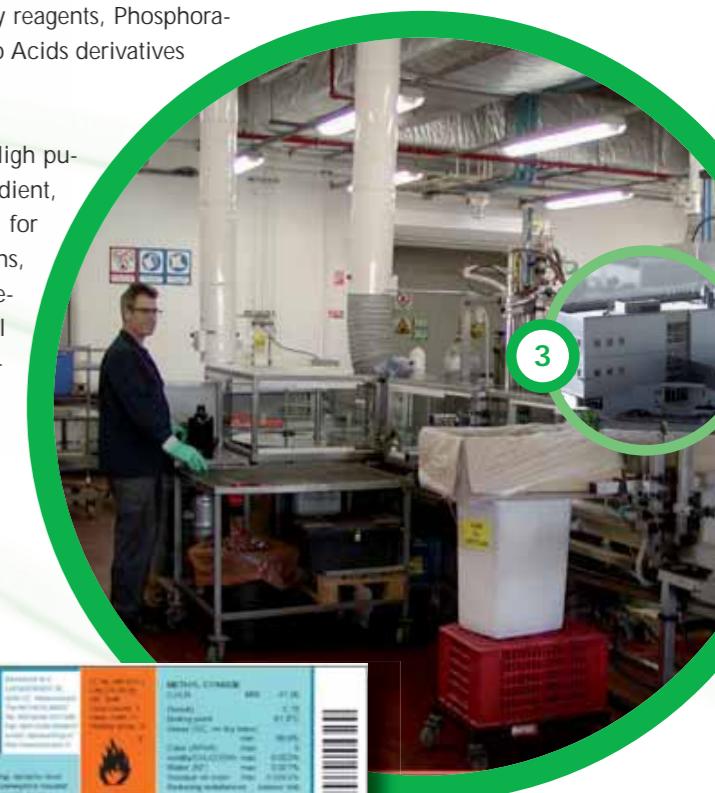
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