

HEAD SPACE

Analyzed by GC-Headspace
technique for the analysis
of OVI's



Because you need quality!



Headspace solvents

We now offer a range of high boiling solvents, specifically developed and analyzed by GC-Headspace technique for the analysis of OVI. Every single batch is tested by both polar and non-polar GC columns, displays a high purity assay and shows virtually no background in the volatile impurities range.

Analysis of volatile organic impurities using GC Headspace techniques has become a major control procedure in pharmaceutical and food related industries. The International Conference of Harmonisation (ICH) has issued recommendations concerning the safe levels of over 60 residual solvents in pharmaceutical compounds.

These solvents are divided into 3 classes according to their toxicity. Headspace samples are normally mixed with a solvent and a matrix modifier.

The quality of the solvents (the Headspace solvent) used to dissolve the sample is of prime importance. It must display very high purity and show virtually no background due to volatile impurities with both polar and non polar GC capillary columns.

The Headspace line includes the following products:

Dimethyl Sulfoxide, Dimethyl Formamide, Dimethyl Acetamide, 1,3- Dimethyl -2-Imidazolidinone, Cyclohexanone, N-Methyl Pyrrolidone

All Headspace products are micro filtered, packed under inert gas in amber glass bottles, and available in pack sizes of:

0.5L

1L

2.5L



Dimethylsulfoxide

Specifications

044775

Appearance	Clear colorless liquid
Assay (GC, on anhydrous basis)	99.99-100 %
Refractive index (20°C)	1.477-1.480
Water (KF)	0-0.04 %
UV cutoff wavelength	190-265 nm
T268nm	30-100 %
T275nm	60-100 %
T300nm	85-100 %
T350nm	95-100 %
T400nm	98-100 %
Headspace test for O.V.I.	Passes test

N,N-Dimethylformamide

Specifications

041975

Appearance	Clear liquid
Assay (GC, on anhydrous basis)	99.99-100 %
Refractive index (20°C)	1.429-1.431
Water (KF)	0-0.03 %
UV cutoff wavelength	190-269 nm
T270nm	20-100 %
T275nm	55-100 %
T300nm	85-100 %
T320nm	95-100 %
Headspace test for O.V.I.	Passes test

N,N-Dimethylacetamide

Specifications

042075

Appearance	Clear colorless liquid
Assay (GC, on anhydrous basis)	99.99-100 %
Refractive index (20°C)	1.436-1.438
Acidity (as Acetic acid)	0-0.005 %
Water (KF)	0-0.03 %
UV cutoff wavelength	190-268 nm
T268nm	10-100 %
T275nm	55-100 %
T300nm	85-100 %
T350nm	98-100 %
T400nm	99-100 %
Headspace test for O.V.I.	Passes test

1,3-Dimethyl-2-Imidazolidinone

Specifications

090775

Appearance	Clear liquid
Assay (GC, on anhydrous basis)	99.5-100 %
Refractive index (20°C)	1.470-1.473
Water (KF)	0-0.04 %
UV cutoff wavelength	190-270 nm
T275nm	30-100 %
T300nm	60-100 %
T325nm	80-100 %
T>350nm	90-100 %
Headspace test for O.V.I.	Passes test

Cyclohexanone

Specifications

033775

Appearance	Clear liquid
Color (APHA)	0-10
Assay (GC, on anhydrous basis)	99.95-100 %
Refractive index (20°C)	1.445-1.455
Water (KF)	0-0.05 %
UV cutoff wavelength	190-339 nm
T345nm	55-100 %
T350nm	80-100 %
T380nm	97-100 %
Headspace test for O.V.I.	Passes test

N-Methyl-2-Pyrrolidone

Specifications

135675

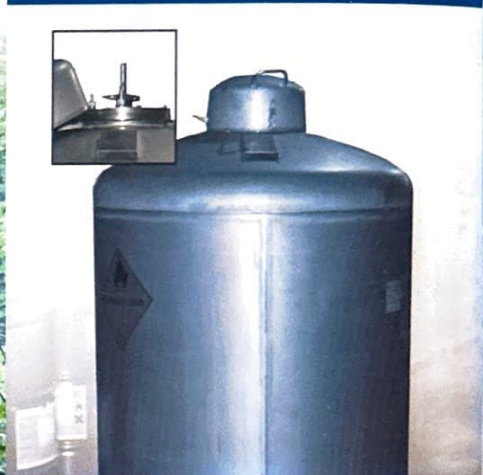
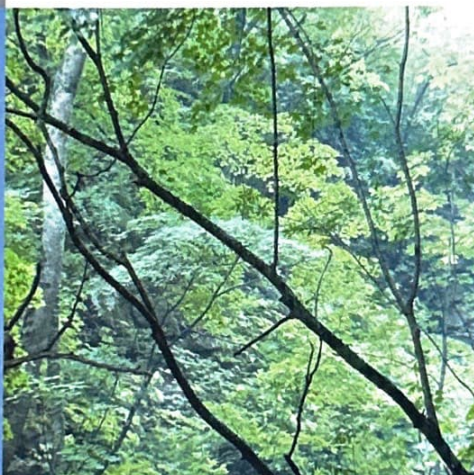
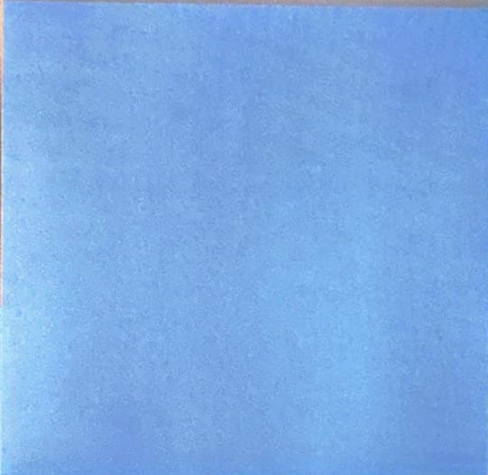
Appearance	Clear colorless liquid
Assay (GC, on anhydrous basis)	99.9-100 %
Refractive index (20°C)	1.469-1.471
Water (KF)	0-0.1 %
UV cutoff wavelength	190-269 nm
T285nm	30-100 %
T300nm	55-100 %
T320nm	78-100 %
T>350nm	97-100 %
Headspace test for O.V.I.	Passes test





Our productlines:

Chromatography: HPLC, LC-MS, ULC/MS
Headspace for OVI analysis
Solvents for Environmental analysis
DNA & RNA reagents,
amidites and modifiers
Fully synthetic lipids
Supra dry & Extra dry solvents
Peptide synthesis
Molecular Biology & Transfection kits
Analytical & Chemically pure products
Custom Synthesis



Because you need quality!



Biosolve offer custom synthesis,
formulations and packaging
which may be discussed
under complete confidentiality.

For further inquiry, please contact us at
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