



HIGH PURITY
GC-HEADSPACE SOLVENTS

SOLVENTS FOR GC-HEADSPACE ANALYSES

Solvents developed for more sensitive GC-headspace analyses of volatile organic impurities. These solvents are divided into 3 classes according to their toxicity. Their purity and handling specifications meet the requirements of Pharmacopoeia (Ph Eur) and American Pharmacopoeia (USP) as well as guidelines of International Conference on Harmonization (ICH). The new GC-HS line includes three of the most commonly used organic solvents:

- DMSO-dimethyl sulfoxide
- DMF-N,N-dimethylformamide
- DMA-N,N-dimethylacetamide

Benefits:

- Conform to European Pharmacopoeia (Ph Eur), American Pharmacopoeia (USP) and guidelines of International Conference on Harmonization (ICH)
- Guarantee of any major interference peaks in the elution range of target analytes
- High quality of products - certificates of analyses include exactly marked impurities which values do not exceed standards matching (Ph Eur), (USP), (ICH) guidelines



Quality specification

Product name	Assay GC [%]	Evaporation residue [ppm]	Water [%]	Transmission [%] (1 cm, H ₂ O)	GC-HS test	Catalogue number	Package [L]
N,N-dimethylacetamide	99,8	5	0,05	275 nm - 60% 280 nm - 80% 290 nm - 85% 320 nm - 98% 350 nm - 99%	passes	PLJ32C11X	2,5
						PLJ32A11X	1
N,N-dimethylformamide	99,8	5	0,05	275 nm - 60% 280 nm - 80% 290 nm - 88% 300 nm - 94% 320 nm - 98%	passes	PLJ33C11X	2,5
						PLJ33A11X	1
Dimethyl sulfoxide	99,5	5	0,05	280 nm - 60% 300 nm - 75% 320 nm - 90% 330 nm - 95% 360 nm - 98%	passes	PLJ34C11X	2,5
						PLJ34A11X	1