

**1,3-Dimethyl-2-Imidazolidinone, For Headspace GC Analysis**

C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O	FW. 114.14	Density 1 L = 1.056 Kg.
CAS-No.	80-73-9	Melting Point 8.2 °C
Code	<a href="#">HS1467</a>	Boiling Point 225.5 °C

**Specifications**

Assay (by GC.)	99.5%	min.
Appearance	Clear liquid	
Water (by Coulometry)	0.03%	max.
Formic Acid and Acetic Acid	Not detected	
UV cutoff wavelength	190-270	nm
UV Transmission Levels (%T)		
> 350 nm	90%	min.
325 nm	80%	min.
300 nm	65%	min.
275 nm	40%	min.
Residual solvent (GC/HS) according to ICH		
Class 1 Solvents	1	ppm max.
Class 2 Solvents	10	ppm max.
Class 3 Solvents	50	ppm max.
N,N-Dimethylformamide	10	ppm max.
Dimethylsulphoxide	10	ppm max.
Methyl Isobutyl ketone	10	ppm max.

Suitable as solvent for the analysis of residual solvent of ICH classes 1,2 and 3 according to Ph Eur and USP.  
Product passed through 0.2 micron final filter.

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