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Tetramethylurea - Amount-of-substance ratioo

Art. ID	ERM-AE003
Unit	100 mL
Deliverydetails	No Dangerous Good /not restricted

Description

Each unit of ERM-AE003 consists of approximately 100 mL of pure tetramethylurea under argon atmosphere in a leak-proof screw-cup amber glass bottle (with break ring) individually placed in a multilayer pouch. /// Identity confirmation and purity assessment of the material were carried out by GC-MS, 1H-NMR, 13C-NMR and GC-FID. The water content was determined by coulometric Karl Fischer titration (C-KFT). SNIF-NMR analyses for homogeneity, stability and characterisation were carried out strictly adhering to the method OIVMA-AS311-05.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Deuterium-to-hydrogen (D/H) ratio		123 x 10-6 ± 0,7 x 10-6		OIV-MA-AS311-05 (SNIF-NMR®, site-specific natural isotope fractionation – nuclear magnetic resonance spectroscopy).	