


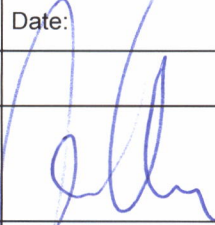



Standard Delivery Specification

Dimethyl sulphate

Substance name: Dimethyl sulphate
 Chemical Formula: $(\text{CH}_3)_2\text{SO}_4$
 Molar mass: 126.1316
 CAS-No: 77-78-1
 EC No (EINECS/ELINCS): 201-058-1
 HS-Code: 2920.90.10
 Country of Origin: Germany

Physical state (20 °C, 101.3 kPa): Liquid
 Form: -
 Colour: Colourless. Light yellow.
 Odour: Slight onion-like sweetish odour.

This document is valid until: 14.04.2017

Date:	Date:	Reviewed by		Date:
Prepared by		Reviewed by		Approved by
				
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- TECHNICAL QUALITY

Qualitative and quantitative composition				
Parameter	Unit	Specification	Test Method	Remarks *
Dimethyl sulphate	% (w/w)	min. 99,5	hydrolysis/titration PA 150.D01	TR
Acidity as sulphuric acid	% (w/w)	max. 0,1	titration / PA 150.D02	TR
Dimethyl ether	% (w/w)	max. 0,01	GC/LM-GS-119	TD
Iron	mg/kg	max. 10	AAS/AA 1020-073	TD
Methanol	% (w/w)	max. 0,3	GC/LM-GS-119	TD
Specific gravity at 20° C	g/cm ³	1.324 – 1.330	aerometer/AA 1020-048	B
APHA	Hazen	max. 10	Opt./AA 1020-082	TD

Storage, stability and shelf life

Storage class 6.1 A (flammable toxic substances). Only substances of the same storage class should be stored together:

Storage temperature in °C:

Relative air humidity in %:

Product shelf-life is 1 year.

*TR: Test report; examination of each batch / lot

TD: Technical Data; not routinely examined for each batch / lot, therefore no certification possible

B: Bibliographic reference, not monitored