



Specification

Concerning Product:	
Article number	67710VU6
Trade name / designation / denomination	Methylsulfonylmethan MSM USP, 40 - 60 me Dimethylsulfon
CAS number	67-71-0
Other names / synonyms	•dimethyl sulphone;
EC number	200-665-9
Customs tariff number / CN code / TARIC	29309099
Molecular weight [g / mol]	94,13
Formula	C ₂ H ₆ O ₂ S

Parameter	Specification	Unit
Organoleptic test		
Colour	white	
Physical parameter		
Density	≥ 0,65	g/ml
Form	crystalline powder	
Loss on drying	≤ 0,2	%
Identity		
Assay	≥ 99,9	%
Melting Point (identity)	108,0 – 110,0	°C
Impurities		
Residue on ignition	≤ 0,1	%
Heavy Metals (as Pb)	≤ 5	ppm
Impurity	DMSO: ≤ 0	%
Elemental Impurities		
Arsenic (As)	≤ 1	ppm
Cadmium (Cd)	≤ 1	ppm
Mercury (Hg)	≤ 0,1	ppm
Lead (Pb)	≤ 3	ppm
Microbiological data		
Coliform bacteria	neg.	
Escherichia Coli.	neg.	CFU/g
Salmonella	neg.	
Staphylococcus Aureus	neg.	
Total Plate Count	≤ 1000	CFU/g
Yeast and Mould	≤ 10	CFU/g
Particle size distribution		
Particles	40 – 60 mesh	%

Supplemental information:

Shelf life: 2 years

Complies with monographie: USP34

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 17. Mar. 2022

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