



Spezifikation

| Produktbezug: | |
|---------------------------------|---|
| Produktnummer | 67710VU6 |
| Handelsname / Bezeichnung | Methylsulfonylmethan MSM USP, 40 - 60 me Dimethylsulfon |
| CAS Nummer | 67-71-0 |
| Andere Bezeichnungen / Synonyme | •Dimethylsulfon; •dimethyl sulphone; |
| EG Nummer | 200-665-9 |
| Zolltarifnummer / CN-Code | 29309099 |
| Molekulargewicht [g/mol] | 94,13 |
| Formel | C2H6O2S |

| Parameter | Spezifikation | Einheit |
|------------------------------------|---------------------|---------|
| Sensorische Prüfung | | |
| Farbe | weiß | |
| Physikalische Parameter | | |
| Dichte | ≥ 0,65 | g/ml |
| Form (Aggregatzustand) | kristallines Pulver | |
| Trocknungsverlust | ≤ 0,2 | % |
| Identifikation | | |
| Gehalt | ≥ 99,9 | % |
| Schmelzpunkt (Identität) | 108,0 – 110,0 | °C |
| Verunreinigungen | | |
| Glührückstand | ≤ 0,1 | % |
| Schwermetalle (als Pb) | ≤ 5 | ppm |
| Verunreinigung | DMSO: ≤ 0 | % |
| Elementare Verunreinigungen | | |
| Arsen (As) | ≤ 1 | ppm |
| Cadmium (Cd) | ≤ 1 | ppm |
| Quecksilber (Hg) | ≤ 0,1 | ppm |
| Blei (Pb) | ≤ 3 | ppm |
| Mikrobiologische Daten | | |
| Kolibakterien | neg. | |
| Escherichia Coli. | neg. | CFU/g |
| Salmonellen | neg. | |
| Staphylococcus Aureus | neg. | |
| Gesamtkeimzahl | ≤ 1000 | CFU/g |
| Schimmel und Hefe | ≤ 10 | CFU/g |
| Partikelgrößenverteilung | | |
| Partikel | 40 – 60 mesh | % |

Zusätzliche Angaben:

Mindesthaltbarkeit: 2 Jahre

Entspricht der Monographie: USP34

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 17. Mar. 2022

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