

**ACROSS BIOTECH**

MAKE A DIFFERENCE

## Certificate of Analysis

|                     |                           |                       |                         |
|---------------------|---------------------------|-----------------------|-------------------------|
| <b>Product Name</b> | Methyl Sulfonyl Methane   | <b>Specification</b>  | Food Grade (40-80 Mesh) |
| <b>COA No.</b>      | 26082701                  | <b>Batch Quantity</b> | 1000kg                  |
| <b>Batch No.</b>    | 20260820                  | <b>Analysis Date</b>  | Aug. 27th, 2026         |
| <b>MFG Date</b>     | Aug. 20th, 2026           | <b>Package</b>        | 25kg/carton box         |
| <b>EXP Date</b>     | Aug. 19th, 2030           | <b>Box Quantity</b>   | 40                      |
| <b>Excipient</b>    | Amorphous Silicon Dioxide | <b>Standard</b>       | Q/AS-2003               |

| <b>Item</b>                               | <b>Specification</b> | <b>Results</b>    | <b>Method</b> |
|-------------------------------------------|----------------------|-------------------|---------------|
| Purity %                                  | >99.90               | 99.96             | USP <621>     |
| DMSO Content %                            | ≤0.1                 | 0                 | USP <621>     |
| Appearance                                | White Crystalline    | White Crystalline | Visual        |
| Melting Point @760mmHg                    | 108.5-110.5°C        | 108.9             | USP <741>     |
| Bulk Density g/ml                         | >0.65                | 0.67              | USP <616>     |
| Water Content %                           | <0.20                | 0.12              | USP <921 Ia>  |
| Total Heavy Metals ppm                    | <3                   | <3                | USP <231>     |
| As ppm                                    | <0.1                 | <0.1              | ICP-MS        |
| Cd ppm                                    | <0.1                 | <0.1              | ICP-MS        |
| Hg ppm                                    | <0.1                 | <0.1              | ICP-MS        |
| Pb ppm                                    | <0.1                 | <0.1              | ICP-MS        |
| Residue on Ignition %                     | <0.20                | <0.20             | USP <281>     |
| Escherichia coli                          | Negative in 10g      | Negative          | USP <2022>    |
| Yeast / Mold (CFU/g)                      | <100                 | <10               | USP <2021>    |
| The total aerobic microbial count (CFU/g) | <1000                | <10               | USP <2021>    |
| Sieve Test / Through 20 mesh              | 100%                 | 100%              | USP <786>     |
| Sieve Test / Through 40 mesh              | >70%                 | 75%               |               |
| Sieve Test / Through 80 mesh              | <20%                 | 9%                |               |
| Particle Size                             | 40-80 Mesh           | Conform           |               |

**Conclusion: PASSED**

Storage: Store in cool and dry place &amp; keep away from strong light and heat.

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