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Certificate of Analysis

Product Name: Methylsulfonylmethane (40 mesh)
CAS# 75-18-3
Starting Material:
Country of Origin: China
Batch Number: 121105
Manufacture Date: Oct. 22, 2012
Test Date: Apr. 11, 2013
Retest Date: Apr. 10, 2015

ITEMS SPECIFICATIONS RESULTS
Methylsulfonylmethane(GC) $\geq 99.5\%$ 99.99%
Identification (ATR FT-IR) Positive Confirmed

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White crystalline powder	Conforms
Bulk Density	Report only	727 g/L
Tapped Density	Report only	870 g/L
Melting Point	$\geq 107^{\circ} \text{C}$	$107 \sim 110^{\circ} \text{C}$
Boiling Point	$\geq 238^{\circ} \text{C}$	243°C
Loss on Drying	0.2%	0.1%
Residue on Ignition	$\leq 0.05\%$	0.05%
Heavy Metals	$\leq 5\text{ppm}$	$< 5\text{ppm}$
Arsenic (As)	$\leq 1\text{ppm}$	$< 1\text{ppm}$
Total Plate Count	$\leq 1,000\text{cfu/g}$	10cfu/g
Yeast & Mold	$\leq 100\text{cfu/g}$	$< 10\text{cfu/g}$
Coliform Bacteria	$< 10\text{cfu/g}$	$< 10\text{cfu/g}$
E.Coli	Negative	Negative
Salmonella	Negative	Negative

Conclusion: Conforms to standards.

Storage Conditions: Keep in sealed container under 25°C .
Keep away from strong light, heat and moisture.
The following provided from the Manufacturer's Certificate of Analysis, and should not be used solely as an instrument for strict quality control.