



HUBEI XINGFA CHEMICALS GROUP CO., LTD.

No.62, , FAZHAN ROAD,YICHANG CITY, HUBEI,CHINA 443000

CERTIFICATE OF ANALYSIS

MethylSulfonylMethane(MSM)

Test Items	Standard	Test Result
Batch NO.	--	048210710B
Batch size	--	5000kgs
Manu Date:	--	2021-07-10
Expiry Date:	--	2023-07-09
Appearance	White crystalline powder	White crystalline powder
Assay	$\geq 99.90\%$	99.95%
Residue on ignition	$\leq 0.10\%$	0.10%
Silica	$\leq 0.3\%$	0.2%
Heavy metals	$\leq 0.001\%$	<0.001%
Melting point	$\geq 108.0^{\circ}\text{C}$, $\leq 110.5\%$	109.2 $^{\circ}\text{C}$
Water Content	$\leq 0.20\%$	0.16%
Particle Size	\leq through 80mesh	5%
	\leq through 60mesh	72%
	\geq through 40mesh	80%
Arsenic	$\leq 1\text{ppm}$	0.20
Lead	$\leq 1\text{ppm}$	0.15
Cadmium	$\leq 0.5\text{ppm}$	0.1
Mercury	$\leq 0.1\text{ppm}$	0.06
Total Plate Count	$\leq 1000\text{cfu/g}$	25
Yeasts & Molds	$\leq 100\text{cfu/g}$	10
Enterobacteriaceae	$\leq 10\text{cfu/g}$	3
E. Coli	Negative	Negative
Salmonella	Negative	Negative
DMSO	$\leq 0.10\%$	0.03

For and behalf of

HUBEI XINGFA CHEMICALS GROUP CO.,LTD.

湖北兴发化工集团股份有限公司

Authorized Signature



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