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CERTIFICATE OF ANALYSIS

Methyl-Sulfonyl-Methane

Lot Number: MSM-220101 Manufacture Date: 2022/01/06 Expiry Date: 2024/01/05

ITEMS	SPECIFICATION	METHOD	TEST RESULTS
Physical&Chemical Data			
Color	White	Organoleptic	Conform
Odor	Characteristic	Organoleptic	Conform
Appearance	Crystalline Powder	Organoleptic	Conform
Analytical Quality			
Melting Point	108.5°C +/-1 °C	USP31	108.6°C
Purity	≥90.9%	USP32	99.98%
Sieve analysis	100 % through 80 mesh	Eur.Ph. <2.9.12>	Conform
DMSO Content	≤0.01	USP32	0
Loss on Drying	≤0.2%	Eur.Ph. <2.8.17>	0.12%
Residue on Ignition	≤0.2%	USP32	<0.03%
Contaminants			
Lead (Pb)	≤1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	Conform
Arsenic (As)	≤0.1mg/kg	Eur.Ph.<2.2.58>ICP-MS	Conform
Cadmium (Cd)	≤1.0 mg/kg	Eur.Ph.<2.2.58>ICP-MS	Conform
Mercury (Hg)	≤0.1 mg/kg	Eur.Ph.<2.2.58>ICP-MS	Conform
Microbiological			
Total Plate Count	≤1000cfu/g	Eur.Ph. <2.6.12>	Conform
Yeast & Mold	≤100cfu/g	Eur.Ph. <2.6.12>	Conform
E.coil	Negative	Eur.Ph. <2.6.13>	Conform
Salmonella	Negative	Eur.Ph. <2.6.13>	Conform
Staphylococcus aureus	Negative	USP34 <62>	Conform
General Status			
Packing&Storage	Packed in carton and plastic-bag inside. N.W:10kgs. Store in a well-closed container Away from moisture, light, oxygen.		
Shelf life	24months under the conditions above and in its original packaging.		
Remarks	Non-Irradiated, Non-GMO, Non-Allergen		

Analytical Laboratory Manager:

Date: 2022.01.13



王海