

CERTIFICATE OF ANALYSIS

Product Name: Glyceryl Monostearate AP40	
Batch No.: 104	Quantity: 200kg
Manufacture Date: 13 th April 2022	Expiry Date: 12 th April 2024
CAS Number: 85251-77-0	

Items	Specifications	Results
Appearance	White crystal to crystalline powder	Complies
Solubility	Insoluble in water, Soluble in ethanol	Complies
Monoglycerides	Min 40.0%	42.40%
Acid Value	Max 6.0 mg KOH/g	2.5mg KOH/g
Iodine Value	Max 3.0 gI ₂ /100g	2.4 gI ₂ /100g
Saponification value	150.0 – 165.0	150.2
Soap Content	Nil	Nil
Melting Point	55.0° – 60.0° deg C	57.0° C
Ash	Max 0.1%	0.10%
Moisture	Max 2.0%	0.98%
Free Glycerol	Max 6.0%	3.5%
Total Glycerine	16.0 – 33.0%	25.0%
Heavy Metals	Max 10mg/kg	Complies
Arsenic	Max 3mg/kg	Complies
Lead	Max 1mg/kg	Complies
Cadmium	Max 1mg/kg	Complies
Mercury	Max 1mg/kg	Complies
Conclusion: This batch Complies with JEFOA471 standard.		

DISCLAIMER

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timely manner all appropriate tests and quality checks on the products and any goods made from them. We disclaim any liability if any products are not suitable or fit for any such purpose.