

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b> Glyceryl Monostearate AP40	
<b>Batch No.:</b> GMSV1210016	<b>Quantity:</b> 100kg
<b>Manufacture Date:</b> 2021 . March . 11	<b>Expiry Date:</b> 2023 . March . 10
<b>CAS Number:</b> 85251-77-0	

Items	Specifications	Results
<b>Appearance</b>	White crystal powder	Complies
<b>Monoglycerides</b>	Min 40.0%	51.2%
<b>Acid Value</b>	Max 2.0 mg KOH/g	0.2 mg KOH/g
<b>Iodine Value</b>	Max 2.0 gI <sub>2</sub> /100g	0.5 gI <sub>2</sub> /100g
<b>Melting Point</b>	55.0° – 60.0° deg C	57.4° C
<b>Ash</b>	Max 0.1%	0.10%
<b>Free glycerol</b>	Max 2.0%	0.9%
<b>Colour, Lovibond, 5.25" Red</b>	Max 6.0	2.5
<b>Colour, Lovibond, 5.25" Yellow</b>	Max 40	16.0

**Conclusion:** This batch is conforming to industry standard.

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