

CERTIFICATE OF ANALYSIS

Product Name	Glyceryl Stearate SE
INCI Name	Glyceryl Stearate
CAS#	123-94-4
Lot Number	315
Manufacture Date	11/2024
Re-test Date	11/2026

Analytical Tests	Specification	Result
Appearance at 25°C	White/ivory flakes	CONFORMS
Odour	Similar to STD without sign of rancidity	CONFORMS
Colour (Gardner) at 70°C	max 4	0.5
Acid Value	16 - 20 mg/g KOH	18.9 mg/g KOH
Saponification Value	148 - 156 mg/g KOH	154 mg/g KOH
Hydroxyl Value	305 - 320 mg/g KOH	315 mg/g KOH
Water, Karl-Fisher	max 0.5 %	0.20 %
Monoesters (PMM:344)	36 - 42 %	38.44 %
Free Glycerin	6 - 9 %	8.24 %
IR Spectrum	CONFORMS STD	CONFORMS
Sulfated Ash	1.30 - 1.65 %	1.50 %

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.