

CERTIFICATE OF ANALYSIS

Product Name	Polysorbate 80
Product Code	AL00132
INCI Name	Polysorbate 80
CAS Number	9005-65-6
Lot Number	136
Manufacture Date	03/2025
Re-test Date	02/2028

Parameter	Value	Result
Colour at 25°C	max 7 [Gardner]	6.5
Acid value	max 2 [mg/g KOH]	1.29
Saponification value	45 - 55 [mg/g KOH]	52.1
Iodine value	19 - 24 [gI ₂ /100 g]	20.1
Hydroxyl value	65 - 80 [mg/g KOH]	72.8
Peroxide value	max 5 [ppm]	3.18
Water (Karl-Fisher)	2.5 - 3 [%]	2.81
Free ethylene oxide	max 1 [ppm]	0.00
Dioxane	max 5 [ppm]	2.09
Heavy metals	max 10 [ppm]	<10
Ash	max 0.15 [%]	<0.15

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
 When stored for a period longer than the one specified above, quality should be checked before use.

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