
SPECIFICATION

SORBITAN TRIOLEATE

Code: C5 002
CAS: [26266-58-0]
EINECS: 247-569-3

	Specification	Unit
Appearance	Pale yellow to brown solid, become oily liquid around 25°C	/
Solubility	Almost insoluble but dispersible in water	/
Acid value	< 10	mg KOH/g
Hydroxyl value	55 - 75	mg KOH/g
Iodine value	76 - 90	g I ₂ /100g
Peroxide value	< 10	meq O ₂ /kg
Saponification value	170 - 190	mg KOH/g
Heavy metals	< 10	ppm
Total ash	< 0,5	%
Water	< 1,5	%
Density (20 °C)	≈ 0,98	/
<u>Fatty acid composition</u>		
% C 14 myristic acid	< 5	%
% C 16 palmitic acid	< 16	%
% C 16' palmitoleic acid	< 8	%
% C 18 stearic acid	< 6	%
% C 18' oleic acid	65 - 88	%
% C 18'' linoleic acid	< 18	%
% C 18''' linolenic acid	< 4	%
% > C 18	< 4	%
