



Quality certificate

Date
21.06.2023

Page
1 of 2

Material: Our / Your reference
Polysorbate 80

Batch 2562004
Production date: 14.06.2023
Expiry date: 30.06.2025

Characteristic	Unit	Value	Lower Limit	Upper Limit
Temperature 25°C	-	25°C	-	-
Liquid state	-	slightly-vis ous	-	-
Colour Gardner		4,0	0,0	6,0
Acid number	mg KOH	1,2	0,0	2,0
OH number	mg KOH	75	65	80
Saponification number	mg KOH	52	45	55
Water content	%	2,5	0,0	3,0
EO content	ppm	< 0,2	0,0	1,0
Dioxane content	ppm	0,9	0,0	10,0
Peroxide number	mValO2	0,0	0,0	10,0
Viscosity Ubbelohde, at 25°C	mm2/s	442	300	500
Density at 25°C	g/cm3	1,068	1,060	1,090

The data listed on the Quality certificate don't exempt the customer to carry out own quality and identification checks. The values on this Quality certificate are not intended to guarantee the product is suitable for any application. If the product is getting forwarded to a third party this document is not further liable to the third party.

The determination of the effective values is made in our control-laboratory. Document created automatically without signature.