

Poloxamer 188

Ph. Eur., USP

M ~8 350 g/mol

Guarantee analysis

Identity	complies
Appearance of solution	complies
Content (Oxyethylene Units)	79,9-83,7 %
Content (Ethylene Oxide)	≤1 ppm
Content (Propylene Oxide)	≤5 ppm
Content (Dioxane)	≤5 ppm
Heavy metals	≤20 ppm
Water content (KF)	≤0,75 %
pH (10 % solution)	5,0-7,5
pH (1:40)	6,0-7,5
Total ash	≤0,4 %
Ash content	≤0,3 %
Average molecular weight	7680-9510 g/mol

Art. No.	Pack Qty.	Pack.
20LY.1	100 g	plastic
20LY.2	250 g	plastic
20LY.3	500 g	plastic

Poloxamer 188

Type analysis

Appearance ...	white to off-white powder or flakes
Heavy metals	≤20 ppm

Art. No.	Pack Qty.	Pack.
20N0.1	100 g	plastic
20N0.2	500 g	plastic
20N0.3	1 kg	plastic

Polyacrylamide

(C₅H₉NO)_n · D 0,75 to 0,95 g/cm³

M ~15 Mio. g/mol

CAS No. 9003-05-8

WGK 2

Polyacrylamide pure

Flocculating agent, usable in a wide pH range.

Type analysis

Appearance	white to off-white granules
pH (range of application)	4-13

Art. No.	Pack Qty.	Pack.
3048.1	500 g	plastic
3048.2	2,5 kg	plastic

Polyamide

Filter aids

D 1,14 g/cm³ · mp >215 °C

CAS No. 25038-54-4

WGK 1

Polyamide for column chromatography

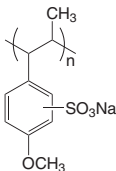
Particle size 0,05-0,16 mm. Excellent for purification of plant extracts.

Guarantee analysis

Appearance	white powder
pH-value	5,5-7,5
Water	<5 %
Ash content	<0,3 %
Particle size distribution:	
>0,315 mm	≤15 %

Art. No.	Pack Qty.	Pack.
9620.2	100 g	plastic
9620.1	250 g	plastic

Polyanetholesulphonic acid, sodium salt



Sodium polyanetholesulfonate · SPS

(C₁₀H₁₁NaO₃S)_n

CAS No. 55963-78-5

WGK 1

Warning H315-H319-H335

Polyanetholesulphonic acid, sodium salt for biochemistry

Type analysis

Appearance	cream to light brown, amorphous powder
Appearance of solution (20 %, H ₂ O)	yellow to brown
Acetone (GC)	≤0,2 %
Ethanol (GC)	≤0,2 %
Calcium (Ca)	≤0,1 %
Water (KF)	8,0-15,0 %

Art. No.	Pack Qty.	Pack.
8369.1	5 g	glass
8369.2	25 g	glass

Polyarabinic acid

▶ Arabinic acid see page 73

Polydimethyl siloxane

- ▶ Silicone oils TT-series see page 628
- ▶ Silicone oils M-series, coloured see page 628
- ▶ Silicone oils M-series see page 626

Polyethylene glycol

Carbowax · Lutrol® · Macrogol · PEG · Polyethylene oxide · Polyglycol · Polyoxyethylene · Polyglycol
CAS No. 25322-68-3 · EC no. 500-038-2

Polyethylene glycol 200 ROTIPURAN® Ph. Eur.

Type 200 (liquid)

D 1,1 to 1,12 g/cm³ · mp -14,08 °C · bp 205,7 °C · flp 138,6 °C

M 190-210 g/mol

WGK 1

Guarantee analysis

Appearance (20 °C)	liquid, clear
Identity	complies
Average molar mass	190-210 g/mol
Colour count (APHA, 25 % in H ₂ O)	≤30
Hydroxyl value	534-591 mg KOH/g
pH value (5 % in H ₂ O)	4,5-7,5
Water (KF)	≤1,0 %
Viscosity (20 °C)	60-67 mPa s

Ethylene and diethylene glycol	≤0,2 %
Sulphated ash	≤0,1 %
Dioxane	≤0,0001 %
Ethylene oxide	≤0,0001 %
Formaldehyde	≤0,003 %
Acid reacting substances (0,1 M NaOH/5 g)	≤0,1 ml
Reducing substances	complies

Art. No.	Pack Qty.	Pack.
2631.1	1 l	plastic
2631.2	5 l	plastic

Polyethylene glycol 300 ROTIPURAN® Ph. Eur.

Type 300 (liquid)

D 1,12 g/cm³ · mp -14,08 °C · bp 205,7 °C · flp 138,6 °C

M 285-315 g/mol

WGK 1

Guarantee analysis

Appearance (20 °C)	liquid, clear
Identity	complies
Average molar mass	285-315 g/mol
Colour count (APHA, 25 % in H ₂ O)	≤15
Hydroxyl value	356-394 mg KOH/g
pH value (5 % in H ₂ O)	5,0-7,0
Water (KF)	≤1,0 %
Viscosity (20 °C)	88-96 mPa s
Ethylene and diethylene glycol	≤0,2 %
Sulphated ash	≤0,1 %
Dioxane	≤0,0001 %
Ethylene oxide	≤0,0001 %
Formaldehyde	≤0,0015 %
Acid reacting substances (0,1 M NaOH/5 g)	≤0,1 ml
Reducing substances	complies

Art. No.	Pack Qty.	Pack.
2632.1	1 l	plastic
2632.2	5 l	plastic

Polyethylene glycol 400 ROTIPURAN® Ph. Eur.

Type 400 (liquid)

D 1,126 g/cm³ · mp -14,08 °C · bp 205,7 °C · flp 138,6 °C

M 380-420 g/mol

WGK 1

Guarantee analysis

Appearance (20 °C)	liquid, clear
Identity	complies
Average molar mass	380-420 g/mol
Appearance of solution (25 % in H ₂ O) ...	complies
Hydroxyl value	267-295 mg KOH/g
pH value (10 % in H ₂ O)	4,5-7,0
Water	≤1,0 %
Viscosity (20 °C)	105-130 mPa s
Heavy metals (as Pb)	≤0,0005 %
Ethylene and diethylene glycol	≤0,25 %
Sulphated ash	≤0,1 %
Dioxane	≤0,001 %
Ethylene oxide	≤0,0001 %
Formaldehyde	≤0,003 %
Acid/alkaline reac. substances (0,1 M NaOH/5 g)	complies
Reducing substances	complies

Art. No.	Pack Qty.	Pack.
0144.1	1 l	plastic
0144.2	5 l	plastic
0144.4	25 l	plastic