

Mixed indicator 5

D 0,79 g/cm³ · mp -114 °C · bp 78 °C · flp 12 °C
UN no. 1170 · ADR 3 II · WGK 1

 **Danger** H225-H319

Mixed indicator 5 for ammonia titration

ready-to-use

Art. No.	Pack Qty.	Pack.	€
T125.1	250 ml	glass	96,65

MMA

► Methacrylic acid methyl ester see page 1077

Mohr's salt

► Ammonium iron(II) sulphate hexahydrate
see page 738

Molecular sieves

mp >400 °C
CAS No. 1318-02-1 · EC no. 215-283-8
WGK 1

Molecular sieve 3 Å activated, under argon, for DNA synthesis

Thread size 27 mm

Suitable for Expedite™89xx and Polygen®

Art. No.	Pack Qty.	Pack.	€
N893.1	100 ml	glass	15,60

Molecular sieve 3 Å 0,3 nm, type 564, beads

Metal-aluminium silicates for drying, cleaning
or separating of liquids and gases. Spheres Ø
1,6–2,5 mm.

Type analysis

H₂O ads. capacity (10 % R.H./25 °C) ≥15,5 %
Loss on ignition ≤2,5 %
Globe diameter 1,6–2,5 mm
Crush strength ≥15 N

Art. No.	Pack Qty.	Pack.	€
8487.1	250 g	glass	37,55
8487.2	750 g	glass	88,05
8487.3	2,5 kg	plastic	231,15
8487.7	5 kg	plastic	424,65

Molecular sieve 3 Å 0,3 nm, type 562 C, beads

Metal-aluminium silicates for drying, cleaning
or separating of liquids and gases. Spheres Ø
2,5–5,0 mm.

Type analysis

H₂O ads. capacity (10 % R.H./25 °C) ≥15,5 %
Loss on ignition ≤2,5 %
Globe diameter 2,5–5,0 mm
Crush strength ≥50 N

Art. No.	Pack Qty.	Pack.	€
P729.1	250 g	glass	37,55
P729.2	750 g	glass	88,05
P729.3	2,5 kg	plastic	231,15

Molecular sieve 4 Å 0,4 nm, type 514, beads

Metal-aluminium silicates for drying, cleaning
or separating of liquids and gases. Spheres Ø
1,6–2,5 mm.

Type analysis

H₂O ads. capacity (10 % R.H./25 °C) ≥17,5 %
Loss on ignition ≤3,0 %
Globe diameter 1,6–2,5 mm
Crush strength ≥20 N

Art. No.	Pack Qty.	Pack.	€
8471.1	250 g	glass	40,35
8471.2	750 g	glass	90,20
8471.3	2,5 kg	plastic	235,45

Molecular sieve 5 Å 0,5 nm, type 522, beads

Metal-aluminium silicates for drying, cleaning
or separating of liquids and gases. Spheres Ø
1,6–2,5 mm.

Type analysis

H₂O ads. capacity (10 % R.H./25 °C) ≥17,0 %
Water content ≤0,9 %
Globe diameter 1,6–2,5 mm
Crush strength ≥25 N

Art. No.	Pack Qty.	Pack.	€
8475.1	250 g	glass	40,35
8475.2	750 g	glass	90,20
8475.3	2,5 kg	plastic	235,45

Molecular sieve 10 Å 1,0 nm, type 544, beads

Metal-aluminium silicates for drying, cleaning
or separating of liquids and gases. Spheres Ø
1,6–2,5 mm.

Type analysis

H₂O ads. capacity (10 % R.H./25 °C) ≥17,0 %
Water content ≤0,8 %
Globe diameter 1,6–2,5 mm
Crush strength ≥35 N

Art. No.	Pack Qty.	Pack.	€
8483.1	250 g	glass	40,35
8483.2	750 g	glass	90,20
8483.3	2,5 kg	plastic	235,45

Molybdate-Reagent

D 1,29 g/cm³ · mp -15 °C · bp 100 °C
UN no. 2796 · ADR 8 II · WGK 1

 **Danger** H290-H314

Molybdate-Reagent for total phosphate determination

Type analysis

Suitability for determination of phosphate ... complies

Composition: Ammonium heptamolybdate tetrahydrate, Potassium antimony(III) tartrate, Sulphuric acid, distilled Water.

Art. No.	Pack Qty.	Pack.	€
2442.1	1 l	plastic	74,10
Original pack 6 x 1 l			70,40/1 l

Molybdatophosphoric acid hydrate

Phosphomolybdic acid

H₃[P(Mo₃O₁₀)₄] · x H₂O · D 2,52 g/cm³ · mp 78 to 98 °C

CAS No. 51429-74-4 · EC no. 234-713-5

UN no. 3260 · ADR 8 II · WGK 1

 **Danger** H314

Molybdatophosphoric acid hydrate

≥99 %, p.a., ACS

Staining reagent for TLC, biochemical
analysis, microscopy.

Storage temperature: +4 °C

Guarantee analysis

Appearance yellow to yellow-orange crystals
Assay ≥99 %
Chloride (Cl) ≤0,02 %
Sulphate (SO₄) ≤0,025 %
Ammonium (NH₄) ≤0,01 %
In H₂O insoluble matter ≤0,01 %
Heavy metals (as Pb) ≤0,005 %
Calcium (Ca) ≤0,02 %
Iron (Fe) ≤0,005 %

Art. No.	Pack Qty.	Pack.	€
4440.1	25 g	glass	49,35
4440.2	50 g	plastic	77,30
4440.3	100 g	plastic	138,70
4440.7	1 kg	plastic	1.170,70
Original pack 6 x 1 kg			1.112,17/1 kg

Molybdatophosphoric acid spray solution

Molybdatophosphoric acid spray solution for TLC

Ready-to-use spray solution for detection of
reducing compound lipids, fatty acids and
steroids.

4 g Molybdatophosphoric acid dissolved in 100
ml ethanol.

D ~0,82 g/cm³ · mp -114 °C · bp 78 °C ·
flp 12 °C

Storage temperature: +4 °C

UN no. 1993 · ADR 3 II · WGK 1

 **Danger** H225-H315-H318

Type analysis

TLC-application complies

Art. No.	Pack Qty.	Pack.	€
CP31.1	100 ml	glass	42,90

Molybdenum

Mo · D 10,3 g/cm³ · mp 2623 °C · bp 4639 °C
CAS No. 7439-98-7 · EC no. 231-107-2

Molybdenum pieces ROTI®METIC 99,98 % (3N8)

Type analysis

Assay (metals basis) 99,98 %

Chemical analysis (ICP, AAS): up to 60 specified
trace metal impurities in ppm range.