

Реагенты для колоночной и тонкослойной хроматографии

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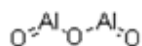
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ALUMINIUM OXIDE ACTIVE (ACIDIC) COLUMN CHROMATOGRAPHY

According to Brockmann activity I, II; pH 3.5 to 4.5

Product Code.	00126	Grade	For Column Chromatography
Purity		CAS No.	1344-28-1
Molecular Formula	Al ₂ O ₃	Molecular Weight	101.96
H.S.Code	2818.20900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
pH value	3.5 - 4.5	Melting point/ Freezing point [°C]	2000°C	Density [g/cm ³]	4
Solubility in water [% weight]	Insoluble in water				

Packaging



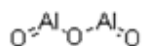
Specification

Appearance	White crystalline powder
pH Value	4.0 - 5.5
Weight/ mL at 20°C	0.9 to 1.2 gm/cm ³
Particle size	100 - 300 mesh

ALUMINIUM OXIDE ACTIVE (BASIC) COLUMN CHROMATOGRAPHY

According to Brockmann activity I, II; pH 8.5 to 9.5

Product Code.	00127	Grade	For Column Chromatography
Purity		CAS No.	1344-28-1
Molecular Formula	Al ₂ O ₃	Molecular Weight	101.96
H.S.Code	2818.20900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
pH value	8.5 - 10	Melting point/ Freezing point [°C]	2000°C	Density [g/cm ³]	4
Solubility in water [% weight]	Insoluble in water				

Packaging



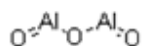
Specification

Appearance	White crystalline powder
pH	8.5 - 10.5
Weight/ mL at 20°C	Approx 0.9 g/ml
Particle size (70-230 mesh)	Min 70%

ALUMINIUM OXIDE ACTIVE (NEUTRAL) COLUMN CHROMATOGRAPHY

According to Brockmann activity I, II ; pH 6.5 to 7.5

Product Code.	00128	Grade	For Column Chromatography
Purity		CAS No.	1344-28-1
Molecular Formula	Al ₂ O ₃	Molecular Weight	101.96
H.S.Code	2818.20900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
pH value	6.5 - 7.5	Melting point/ Freezing point [°C]	2000°C	Density [g/cm ³]	4
Solubility in water [% weight]	Insoluble in water				

Packaging

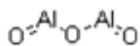


Specification

Appearance	White crystalline powder
pH Value	6.5 - 7.5
Weight/ mL at 20°C	Approx 0.9 g/ml
Particle size (70-230 mesh)	Min 70%

ALUMINIUM OXIDE G (NEUTRAL) THIN LAYER CHROMATOGRAPHY

Product Code.	00129	Grade	For Thin Layer Chromatography
Purity		CAS No.	1344-28-1
Molecular Formula	Al2O3	Molecular Weight	101.96
H.S.Code	2818.20900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
pH value	9 - 10	Melting point/ Freezing point [°C]	2000°C	Density [g/cm3]	4
Solubility in water [% weight]	Insoluble in water				

Packaging

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Specification

Appearance	White powder
Content of CaSO4	About 10%
Iron (Fe)	Max 0.02%
Chloride (Cl)	Max 0.02%
pH of 10% suspension)	6.5 - 7.5

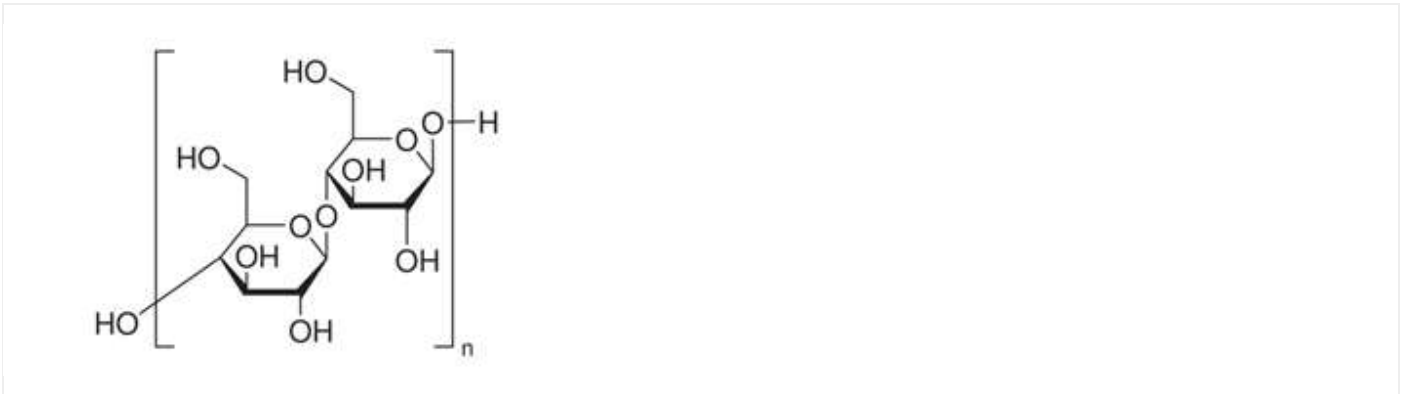
Safety Information and Hazard Symbols

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CELLULOSE MICROCRYSTALLINE FOR THIN LAYER CHROMATOGRAPHY

(Cellulose Powder)

Product Code.	00713	Grade	For Thin Layer Chromatography
Purity		CAS No.	9004-34-6
Molecular Formula	(C6H10O5)n	Molecular Weight	0.00
H.S.Code	3912.90900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
Density [g/cm3]	0.6	Solubility in water [% weight]	Insoluble in water		

Packaging

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Specification

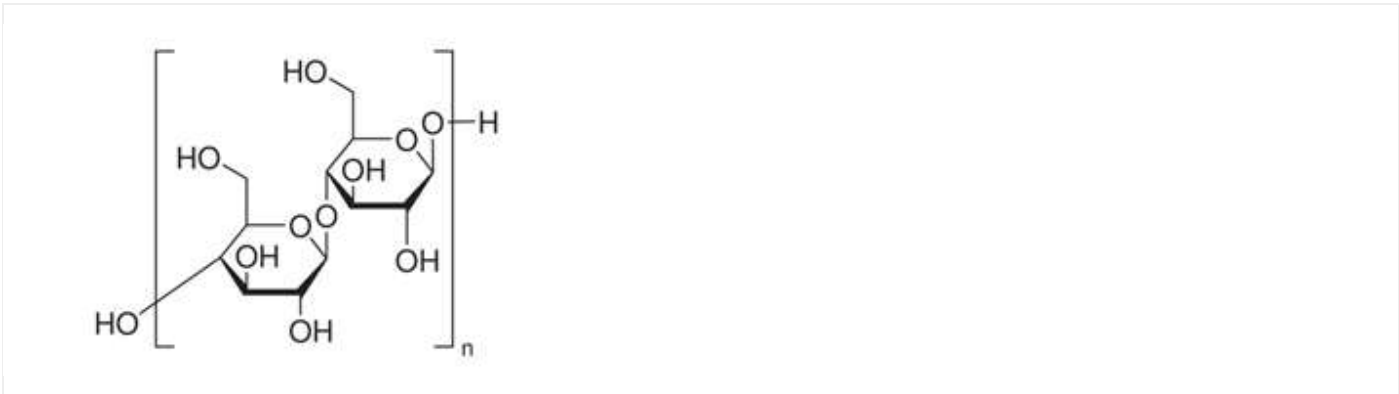
Appearance	White or almost white coarse /crystalline powder
Water soluble matter	Max 0.2%
Loss on drying (at 105°C)	Max 6.0%
pH (2% solution in water)	5.0 - 7.5
Starch and dextrin	Passes test
Sulphated ash	0.2%

Safety Information and Hazard Symbols

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CELLULOSE POWDER FOR COLUMN CHROMATOGRAPHY

Product Code.	00714	Grade	
Purity		CAS No.	9004-34-6
Molecular Formula	(C6H10O5)n	Molecular Weight	0.00
H.S.Code	3912.90900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
Density [g/cm3]	0.6	Solubility in water [% weight]	Insoluble in water		

Packaging

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Specification

Appearance	White or almost white coarse /crystalline powder
pH	5.0 - 7.0

Safety Information and Hazard Symbols

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FLORISIL POWDER (60-100 MESH)
Magnesium silicate activated

Product Code.	01232	Grade	For Column Chromatography
Purity		CAS No.	1343-88-0
Molecular Formula		Molecular Weight	0.00
H.S.Code	2839.90900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Odour	Odorless
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Packaging

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Specification

Appearance	White coarse powder
Particle size (60 – 100 mesh)	Min 90%

Safety Information and Hazard Symbols

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KIESELGUHR (PURIFIED WHITE)

Purified and ignited Infusorial earth

Product Code.	01489	Grade	
Purity		CAS No.	91053-39-3
Molecular Formula		Molecular Weight	0.00
H.S.Code	2512.00100	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White to off white powder	Odour	Odorless
pH value	5 - 9	Density [g/cm3]	2.3		

Packaging

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Specification

Appearance	A white or off white powder
pH (10% solution in water)	5 - 9
Substance soluble in HCl	Max 2%
Carbonate (as CO2)	Passes test
Acid soluble sulphate (SO4)	Max 0.02%
Acid soluble iron (Fe)	Max 0.04%
Organic impurities	Passes test
Loss on ignition (at 600°C)	Max 0.5%

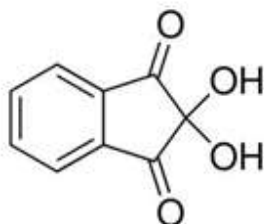
Safety Information and Hazard Symbols


Symbol: GHS07 Signal Word: Warning Hazardous Statement: H319-H335 Precaution Statement: P261-P305 + P351 + P338

NINHYDRIN AR

Indanetrione hydrate

Product Code.	01831	Grade	
Purity	99%	CAS No.	485-47-2
Molecular Formula	C9H6O4	Molecular Weight	178.14
H.S.Code	2914.39900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White to pale yellow	Odour	Odorless
pH value	4.6 - 5.0	Melting point/ Freezing point [°C]	250 °C	Vapour density	6.16
Density [g/cm3]	0.86	Solubility in water [% weight]	Soluble in water		

Specification

Appearance	White or pale yellow crystalline powder
Identification and melting point	Passes test
Insoluble matter in water	Passes test
Residue on ignition (as SO4)	Max 0.1%
Sensitivity for amino acids	Passes test

Safety Information and Hazard Symbols


Symbol: GHS07 Signal Word: Warning Hazardous Statement: H302-H315-H319-H335 Precaution Statement: P261-P305 + P351 + P338

SILICA GEL 60-120 MESH FOR COLUMN CHROMATOGRAPHY

Product Code.	02300	Grade	For Column Chromatography
Purity		CAS No.	112926-00-8
Molecular Formula		Molecular Weight	0.00
H.S.Code	3824.99250	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
pH value	About 7.0	Melting point/ Freezing point [°C]	> 1600 °C	Boiling point [°C]	2230 °C
Density [g/cm3]	2.1	Solubility in water [% weight]	Insoluble in water		

Packaging

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Specification

Appearance	White crystalline powder
pH (10% slurry in water)	About 7.0

Safety Information and Hazard Symbols

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SILICA GEL 200-400 MESH SPECIAL FOR COLUMN CHROMATOGRAPHY

Product Code.	02302	Grade	For Column Chromatography
Purity		CAS No.	112926-00-8
Molecular Formula		Molecular Weight	0.00
H.S.Code	3824.99250	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
pH value	About 7.0	Melting point/ Freezing point [°C]	> 1600 °C	Boiling point [°C]	2230 °C
Density [g/cm3]	2.1	Solubility in water [% weight]	Insoluble in water		

Packaging

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Specification

Appearance	A white crystalline powder
Loss on ignition	Max 13%
Particle size	200-400 mesh

Safety Information and Hazard Symbols

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SILICA GEL G FOR THIN LAYER CHROMATOGRAPHY

For qualitative and quantitative analysis ; (With Binder)

Product Code.	02304	Grade	Thin Layer Chromatography
Purity		CAS No.	112926-00-8
Molecular Formula		Molecular Weight	0.00
H.S.Code	3824.99250	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Odour	Odorless
pH value	About 7.0	Melting point/ Freezing point [°C]	> 1600 °C	Boiling point [°C]	2230 °C
Density [g/cm3]	2.1	Solubility in water [% weight]	Insoluble in water		

Packaging

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Specification

Appearance	White fine powder
Content of CaSO4	About 13%
Chloride (Cl)	Max 0.02%
Iron (Fe)	Max 0.02%
pH (10% slurry in water)	About 7.0

Safety Information and Hazard Symbols

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SILICA GEL GF 254 FOR THIN LAYER CHROMATOGRAPHY

Product Code.	02305	Grade	
Purity		CAS No.	112926-00-8
Molecular Formula		Molecular Weight	0.00
H.S.Code	3824.99250	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Odour	Odorless
pH value	About 7.0	Melting point/ Freezing point [°C]	> 1600 °C	Boiling point [°C]	2230 °C
Density [g/cm3]	2.1	Solubility in water [% weight]	Insoluble in water		

Packaging

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Specification

Appearance	White fine powder
Content of CaSO4	About 13%
Chloride (Cl)	Max 0.02%
Iron (Fe)	Max 0.02%
pH (10% slurry in water)	About 7.0

Safety Information and Hazard Symbols

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SILICA GEL H FOR THIN LAYER CHROMATOGRAPHY

For thin layer chromatography, Without CaSO4

Product Code.	02306	Grade	
Purity		CAS No.	112926-00-8
Molecular Formula		Molecular Weight	0.00
H.S.Code	3824.99250	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Odour	Odorless
pH value	About 7.0	Melting point/ Freezing point [°C]	> 1600 °C	Boiling point [°C]	2230 °C
Density [g/cm3]	2.1	Solubility in water [% weight]	Insoluble in water		

Packaging

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Specification

Appearance	White Powder
Chloride (Cl)	Max 0.02%
Iron (Fe)	Max 0.02%
pH (10% slurry in water)	About 7.0

Safety Information and Hazard Symbols

SILICA GEL HF 254 FOR TLC (WITHOUT BINDER)

Product Code.	02307	Grade	
Purity		CAS No.	112926-00-8
Molecular Formula		Molecular Weight	0.00
H.S.Code	3824.99250	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Odour	Odorless
pH value	About 7.0	Melting point/ Freezing point [°C]	> 1600 °C	Boiling point [°C]	2230 °C
Density [g/cm3]	2.1	Solubility in water [% weight]	Insoluble in water		

Packaging

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Specification

Appearance	White fine powder
Chloride (Cl)	Max 0.02%
Iron (Fe)	Max 0.02%
pH (10% slurry in water)	About 7.0

Safety Information and Hazard Symbols

SILICA GEL 100-200 MESH FOR COLUMN CHROMATOGRAPHY

Product Code.	02301	Grade	For Column Chromatography
Purity		CAS No.	112926-00-8
Molecular Formula		Molecular Weight	0.00
H.S.Code	3824.99250	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
pH value	About 7.0	Melting point/ Freezing point [°C]	> 1600 °C	Boiling point [°C]	2230 °C
Density [g/cm3]	2.1	Solubility in water [% weight]	Insoluble in water		

Packaging

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Specification

Appearance	White crystalline powder
pH (10% slurry in water)	About 7.0
Particle size	100 - 200 mesh

Safety Information and Hazard Symbols

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SILLICA GEL SELF-INDICATING (BLUE) 6-20 MESH

Product Code.	02932	Grade	
Purity		CAS No.	112926-00-8
Molecular Formula		Molecular Weight	0.00
H.S.Code	0.00000	Shelf Life	60 Months

Physical Properties

Packaging

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Specification

Description	Dark blue crystals
Loss on drying at 150°C	Approx. 2%
Water absorption capacity (24 hrs. 80% relative humidity)	Min. 27%

Safety Information and Hazard Symbols

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