

Литиевые соли

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

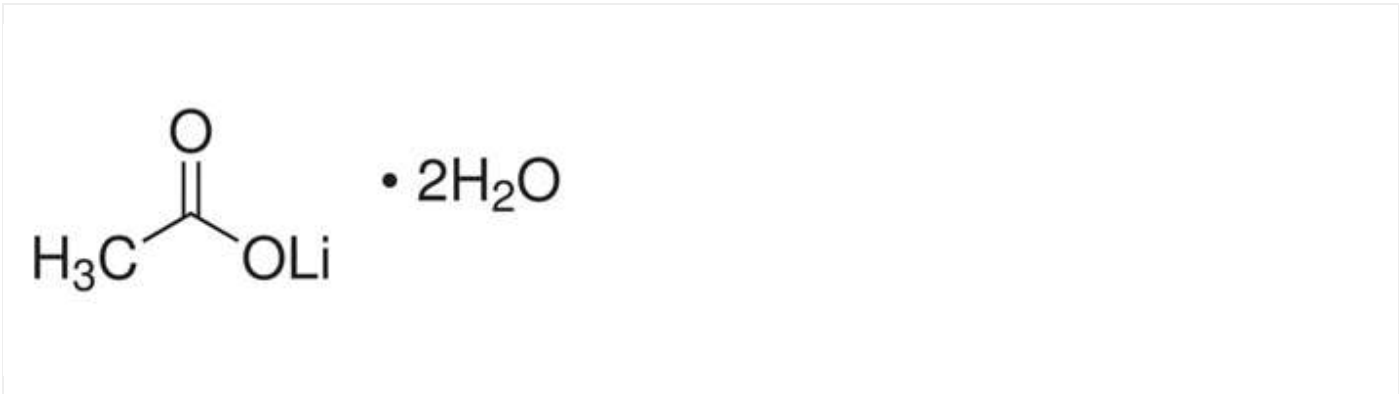
Киргизия +996(312)96-26-47

эл.почта: pva@nt-rt.ru || сайт: <https://pallav.nt-rt.ru/>

LITHIUM ACETATE DIHYDRATE 99% AR

Acetic acid lithium salt

Product Code.	01547	Grade	AR
Purity	99%	CAS No.	6108-17-4
Molecular Formula	CH3.COOLi.2H2O	Molecular Weight	102.02
H.S.Code	2915.29900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Melting point/ Freezing point [°C]	53 - 56 °C
Density [g/cm3]	1.3	Solubility in water [% weight]	Soluble in water		

Packaging

Specification

Appearance	White crystalline powder
Assay (ex acetate)	Min 99%
pH (50 mg/mL in water; 25°C)	7.5 - 9.5
Chloride (Cl)	Max 0.005%
Sulphate (SO2)	Max 0.01%
Calcium (Ca)	Max 0.005%
Cadmium (Cd)	Max 0.005%
Cobalt (Co)	Max 0.005%

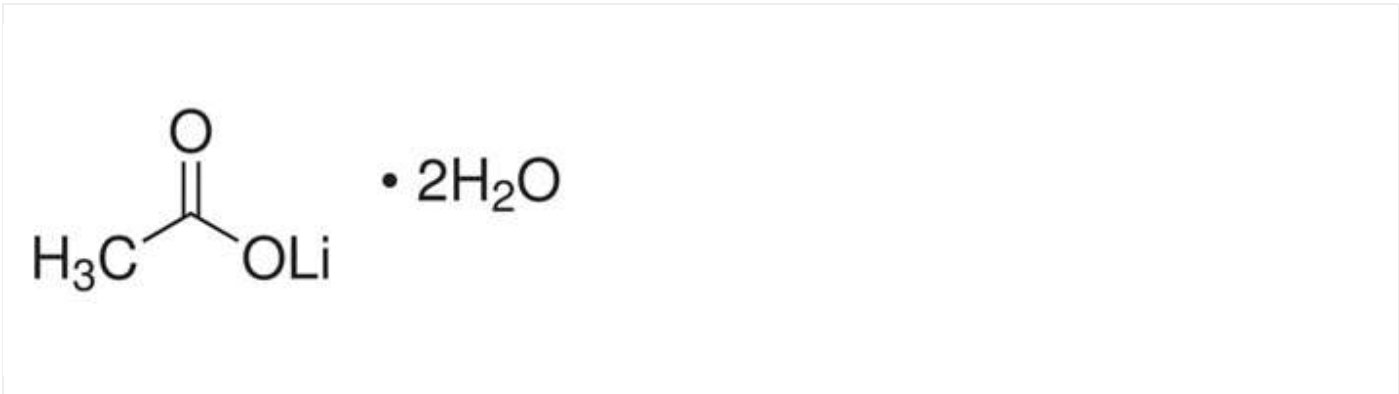
Copper (Cu)	Max 0.005%
Iron (Fe)	Max 0.005%
Potassium (K)	Max 0.005%
Sodium (Na)	Max 0.01%
Nickel (Ni)	Max 0.005%
Lead (Pb)	Max 0.005%
Zinc (Zn)	Max 0.005%

Safety Information and Hazard Symbols

LITHIUM ACETATE DIHYDRATE 99% EXTRA PURE

Buffer component suitable for automated analysis of aminoacids. Acetic acid lithium salt

Product Code.	01546	Grade	
Purity	97.5%	CAS No.	6108-17-4
Molecular Formula	CH3.COOLi.2H2O	Molecular Weight	102.02
H.S.Code	2915.29900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Melting point/ Freezing point [°C]	53 - 56 °C
Density [g/cm3]	1.3	Solubility in water [% weight]	Soluble in water		

Specification

Appearance	White crystalline powder
Assay (ex acetate)	Min 97.5%
Chloride (Cl)	Max 0.005%
Sulphate (SO4)	Max 0.01%
Iron (Fe)	Max 0.002%
Lead (Pb)	Max 0.002%
Potassium (K)	Max 0.005%
Sodium (Na)	Max 0.01%
Lead (Pb)	Max 0.002%

LITHIUM ALUMINIUM HYDRIDE POWDER 96% FOR SYNTHESIS
LAH, Lithium alanate, Lithium tetrahydroaluminate

Product Code.	01548	Grade	For Synthesis
Purity	96%	CAS No.	16853-85-3
Molecular Formula	LiAlH4	Molecular Weight	37.95
H.S.Code	2850.00100	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Melting point/ Freezing point [°C]	125 °C
Density [g/cm3]	0.922				

Packaging

--

Specification

Appearance	White to gray powder
Assay	Min 96%
Solubility (in diethyl ether; 25°C)	Approx 22%
Tetrahydrofuran	Approx 13%
Dibutyl ether	Approx 2%
Dioxane	Approx 0.1%

Safety Information and Hazard Symbols


Symbol: GHS02, GHS05 Signal Word: Danger UN No.: 1410 IMCO Class No.: 4.3 Packing Group: I Hazardous Statement: H260-H314 Precaution Statement: P223-P231 + P232-P280-P305 + P351 + P338-P370 + P378-P422

LITHIUM BROMIDE ANHYDROUS 98% EXTRAPURE

Lithiummonobromide

Product Code.	01549	Grade	Extrapure
Purity	98%	CAS No.	7550-35-8
Molecular Formula	LiBr	Molecular Weight	86.85
H.S.Code	2827.59900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White to off white crystalline	Melting point/ Freezing point [°C]	550 °C
Boiling point [°C]	1265°C	Density [g/cm3]	3.46	Solubility in water [% weight]	Soluble in water

Packaging

--

Specification

Appearance	White to off-white crystalline powder
Assay (on anhydrous basis)	Min 98.0%
Sulphate (SO4)	Max 0.05%
Heavy metal (as Pb)	Max 0.005%
Iron (Fe)	Max 0.005%

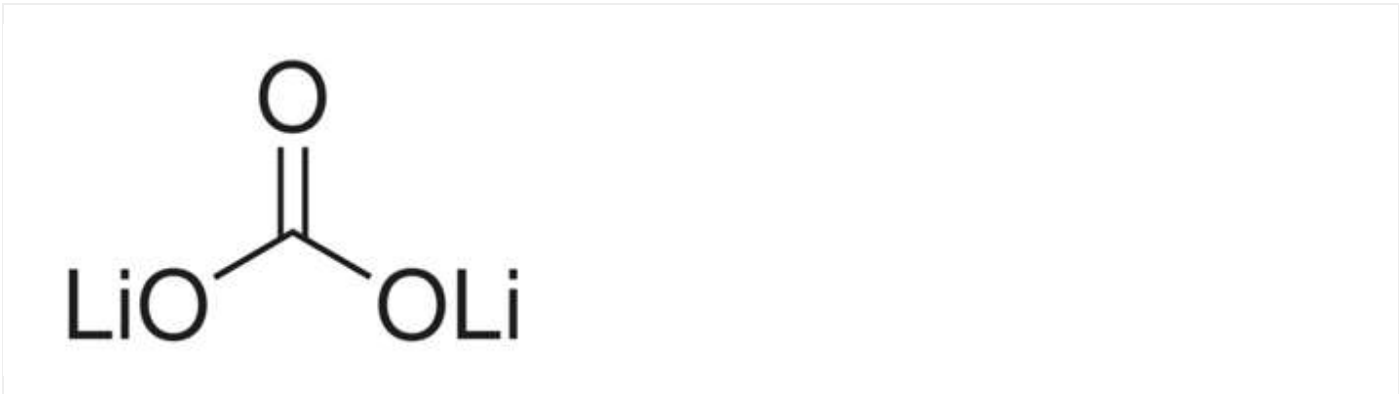
Safety Information and Hazard Symbols


Symbol: GHS07 Signal Word: Warning Hazardous Statement: H302

LITHIUM CARBONATE 98% EXTRAPURE

Carbolithium; Carbonic acid lithium salt

Product Code.	01550	Grade	Extrapure
Purity	98%	CAS No.	554-13-2
Molecular Formula	Li2CO3	Molecular Weight	73.89
H.S.Code	2836.91000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	pH value	9 - 11 at 1 g/l
Melting point/ Freezing point [°C]	618 °C	Density [g/cm3]	2.11	Solubility in water [% weight]	10 g/l at 20 °C

Packaging

--

Specification

Appearance	White powder
Assay	Min 98.0%
Insoluble matter in HCl	Max 0.05%
Total Sulphur	Max 0.3%
Chloride (Cl)	Max 0.05%
Nitrate (NO3)	Max 0.005%
Ammonium (NH4)	Max 0.005%

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: Warning

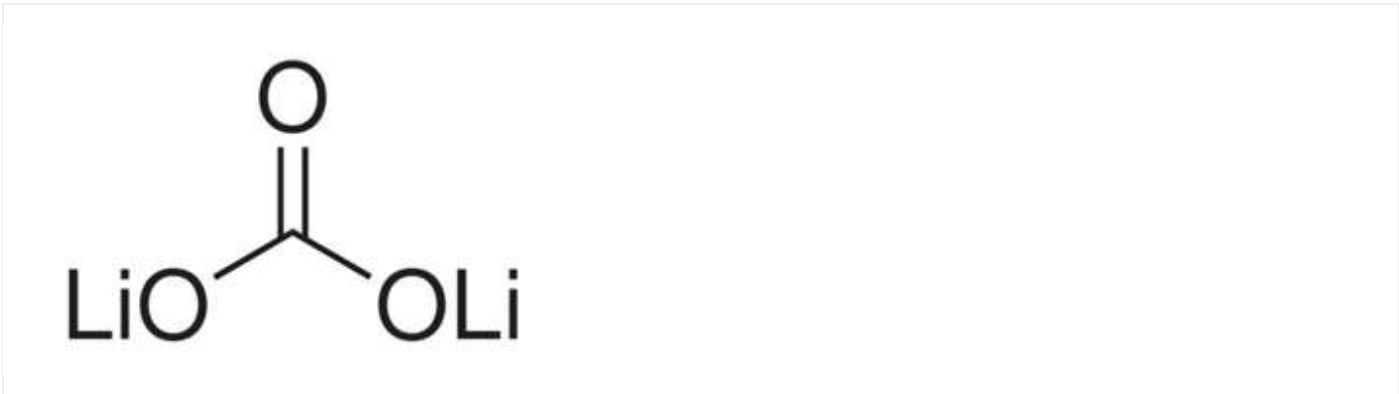
Hazardous Statement: H302-H319

Precaution Statement: P305 + P351 + P338

LITHIUM CARBONATE 99% AR

Carbolithium; Carbonic acid lithium salt

Product Code.	01550A	Grade	
Purity	99%	CAS No.	554-13-2
Molecular Formula	Li2CO3	Molecular Weight	73.89
H.S.Code	2836.91000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	pH value	9 - 11 at 1 g/l
Melting point/ Freezing point [°C]	618 °C	Density [g/cm3]	2.11	Solubility in water [% weight]	10 g/l at 20 °C

Packaging

--

Specification

Appearance	White powder
Assay (HCl titration)	Min 99%
Insoluble matter (10 % dil. HCl)	Max 0.01%
Chloride (Cl)	Max 0.005%
Calcium (Ca)	Max 0.01 %
Iron (Fe)	Max 0.002%
Heavy metals (by ICP-OES)	Max 0.002%

Potassium (K)	Max 0.01%
Sodium (Na)	Max 0.1%
Nitrate (NO3)	Max 0.0005%
Ammonium (NH4)	Max 0.0005%
Sulphur compounds (as SO4)	Max 0.2%

Safety Information and Hazard Symbols


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

LITHIUM CHLORIDE ANHYDROUS 98% EXTRAPURE

Lithium Monochloride

Product Code.	01551	Grade	Extrapure
Purity	98%	CAS No.	7447-41-8
Molecular Formula	LiCl	Molecular Weight	42.39
H.S.Code	2827.39900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
pH value	6	Melting point/ Freezing point [°C]	605 °C	Boiling point [°C]	1360 °C
Density [g/cm3]	2.07	Solubility in water [% weight]	Soluble in water	Partition coefficient Log Pow octanol / water at 20°C	-2.7

Packaging

--

Specification

Appearance	White hygroscopic crystalline powder
Assay	Min 98.0%
Heavy metal (as Pb)	Max 0.01%
pH (5% solution in water; 25°C)	6.0 - 9.0

Safety Information and Hazard Symbols


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

LITHIUM CHLORIDE ANHYDROUS 99% AR

Lithium Monochloride

Product Code.	01552	Grade	AR
Purity	99%	CAS No.	7447-41-8
Molecular Formula	LiCl	Molecular Weight	42.39
H.S.Code	2827.39900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
pH value	6	Melting point/ Freezing point [°C]	605 °C	Boiling point [°C]	1360 °C
Density [g/cm3]	2.07	Solubility in water [% weight]	Soluble in water	Partition coefficient Log Pow octanol / water at 20°C	-2.7

Packaging

--

Specification

Appearance	White hygroscopic crystalline powder
Assay	Min 99.0%
Barium (Ba)	Max 0.003%
Calcium (Ca)	Max 0.01%
Heavy metals (by ICP-OES)	Max 0.002%
Insoluble matter	Max 0.01%
Iron (Fe)	Max 0.001%
Loss on drying (at 105°C)	Max 1%
Nitrate (NO3)	Max 0.001%
Potassium (K)	Max 0.01%
Sodium (Na)	Max 0.2%
Sulphate (SO4)	Max 0.01%
Titration base	Max 0.008 meq/g

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: Warning

Hazardous Statement: H302-H315-H319-H335

Precaution Statement: P261-P305 + P351 + P338

LITHIUM FLUORIDE 98% EXTRA PURE

Fluorolithium

Product Code.	01554	Grade	
Purity	98%	CAS No.	7789-24-4
Molecular Formula	LiF	Molecular Weight	25.94
H.S.Code	2826.19900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Melting point/ Freezing point [°C]	845°C
Boiling point [°C]	1681°C	Density [g/cm3]	2.64	Solubility in water [% weight]	Slightly soluble

Packaging

--

Specification

Appearance	White crystalline powder
Assay	Min 98%
Silica (SiO2)	Max 0.02%
Sulphate (SO4)	Max 0.02%
Iron (Fe)	Max 0.004%
pH (0.1% solution in water)	5 - 7

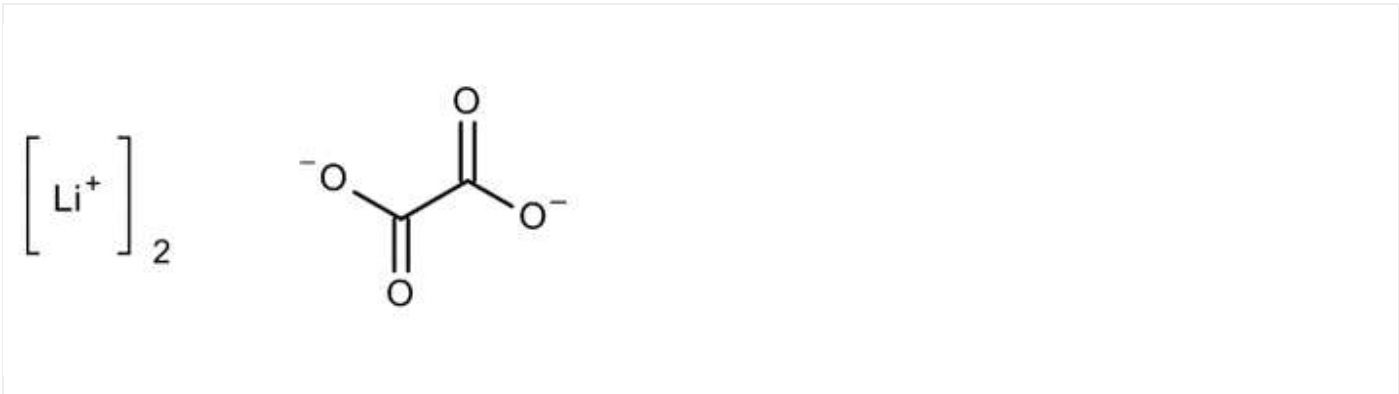
Safety Information and Hazard Symbols


Symbol: GHS06 Signal Word: Danger UN No.: 3288 IMCO Class No.: 6.1 Packing Group: III Hazardous Statement: H301-H315-H319-H335 Precaution Statement: P261-P301 + P310-P305 + P351 + P338

LITHIUM OXALATE 99% EXTRAPURE

Ethanedioic acid

Product Code.	01560	Grade	
Purity	99%	CAS No.	553-91-3
Molecular Formula	C2O4Li2	Molecular Weight	101.90
H.S.Code	2917.11900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
Solubility in water [% weight]	8.0 g/100ml				

Packaging

--

Specification

Appearance	White crystalline powder
Assay	Min 99%
Chloride (Cl)	Max 0.005%
Sulphate (SO4)	Max 0.002%
Iron (Fe)	Max 0.005%
Heavy metal (as Pb)	Max 0.002%

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: Warning

UN No.: 1759

IMCO Class No.: 8

Packing Group: II

Hazardous Statement: H302-H312

Precaution Statement: P280

LITHIUM PERCHLORATE TRIHYDRATE 99% EXTRAPURE

Perchloric acid lithium salt; Lithium Cloricum

Product Code.	01561	Grade	
Purity	99%	CAS No.	13453-78-6
Molecular Formula	LiClO4.3H2O	Molecular Weight	160.44
H.S.Code	2829.19900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
Density [g/cm3]	1.841				

Packaging

--

Specification

Appearance	White to off-white crystals or lumps
Assay	Min 99%
Insoluble matter in water	Max 0.005%
Chloride (Cl)	Max 0.003%
Sulphate (SO4)	Max 0.005%
Heavy metal (as Pb)	Max 0.001%
Iron (Fe)	Max 0.0005%

Safety Information and Hazard Symbols


Symbol: GHS03, GHS07 Signal Word: Danger UN No.: 1481 IMCO Class No.: 5.1 Packing Group: II Hazardous Statement: H272-H315-H319-H335 Precaution Statement: P220-P261-P305 + P351 + P338

LITHIUM SULPHATE MONOHYDRATE 98% EXTRAPURE

Product Code.	01562	Grade	
Purity	98%	CAS No.	10102-25-7
Molecular Formula	Li2SO4.H2O	Molecular Weight	127.95
H.S.Code	2833.29900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
pH value	5 - 7 at 128 g/l at 25 °C	Density [g/cm3]	2.06	Solubility in water [% weight]	128 g/l at 20 °C

Packaging

--

Specification

Appearance	White crystalline powder
Assay	Min 98%
Chloride (Cl)	Max 0.01%
Nitrate (NO3)	Max 0.01%
Heavy metal (as Pb)	Max 0.005%
Iron (Fe)	Max 0.005%

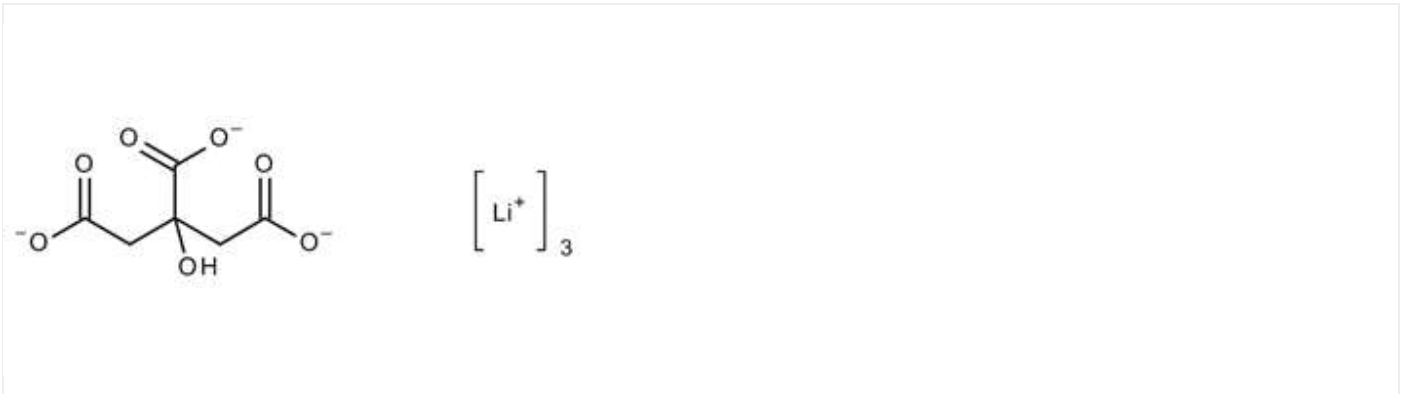
Safety Information and Hazard Symbols


Symbol: GHS07 Signal Word: Warning Hazardous Statement: H302

TRI-LITHIUM CITRATE TETRAHYDRATE 99% AR

Buffer substances for amino acid analysis Lithium citrate tribasic tetrahydrate; Citric acid trilithium salt

Product Code.	01553	Grade	
Purity	99%	CAS No.	6080-58-6
Molecular Formula	C6H5Li3O7.4H2O	Molecular Weight	281.99
H.S.Code	2918.15900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Odour	Odorless
pH value	8.0 - 9.5 at 209.8 g/l at 25 °C	Solubility in water [% weight]	209.8 g/l at 20 °C		

Packaging

Specification

Appearance	White hygroscopic crystalline powder
Assay	Min 99%
Free acid (as citric acid)	Max 0.15%
Free alkali (as LiOH)	Max 0.06%
Ammonium (NH4)	Max 0.0001%
Arsenic (As)	Max 0.0005%
Chloride (Cl)	Max 0.005%

Sulphate (SO ₄)	Max 0.002%
Iron (Fe)	Max 0.005%
Heavy metal (as Pb)	Max 0.002%
Oxalate (as C ₂ H ₂ O ₄)	Max 0.03%
Water (H ₂ O)	24 - 27%

Safety Information and Hazard Symbols


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

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

эл.почта: pva@nt-rt.ru || сайт: <https://pallav.nt-rt.ru/>