

# Ферменты

## Технические характеристики

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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  
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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  
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# Coenzyme A free acid *BioChemica*

Assay (enzym.): min. 75 %

|                   |                             |
|-------------------|-----------------------------|
| CODE              | A0812                       |
| CAS               | 85-61-0                     |
| MOLECULAR FORMULA | $C_{21}H_{36}N_7O_{16}P_3S$ |
| MOLAR MASS        | 767.54 g/mol                |

## Packs sizes (1)



|                    |                         |
|--------------------|-------------------------|
| CODE               | PACKAGING SIZE          |
| CODE<br>A0812,0025 | PACKAGING SIZE<br>25 mg |

## Technical data

|                       |                                             |
|-----------------------|---------------------------------------------|
| PHYSICAL DESCRIPTION: | Solid                                       |
| PRODUCT CODE:         | A0812                                       |
| PRODUCT NAME:         | Coenzyme A free acid <i>BioChemica</i>      |
| SHORT DESCRIPTION:    | additional product description: lyophilized |
| SPECIFICATIONS:       | Assay (enzym.): min. 75 %                   |
| WGK:                  | 1                                           |
| STORAGE:              | -20°C                                       |

SHIPMENT: wet ice

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EINECS: 201-619-0

CS: 29349990

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# Chymotrypsinogen A

|            |              |
|------------|--------------|
| CODE       | A3975        |
| CAS        | 9035-75-0    |
| MOLAR MASS | ~25000 g/mol |

## Packs sizes (1)



|            |                |
|------------|----------------|
| CODE       | PACKAGING SIZE |
| CODE       | PACKAGING SIZE |
| A3975,0005 | 5 g            |

## Technical data

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| PRODUCT CODE:      | A3975                                                                         |
| PRODUCT NAME:      | Chymotrypsinogen A                                                            |
| SHORT DESCRIPTION: | additional product description: supplied as salt-free, freeze-dried powder    |
| SPECIFICATIONS:    | Native activity: max. 40.0 Units/mg<br>Potential activity: min. 1200 Units/mg |

|          |       |
|----------|-------|
| WGK:     | 1     |
| STORAGE: | -20°C |

|         |                      |
|---------|----------------------|
| ORIGIN: | from bovine pancreas |
| EINECS: | 232-905-3            |
| CS:     | 35040090             |

# Bromelain from pineapple stem

## *BioChemica*

Assay: ~0.5 DMC-U/mg

CODE

**A1548**

CAS

**37189-34-7**

MOLAR MASS

**approx. 33000 g/mol**

### Packs sizes (1)



CODE

PACKAGING SIZE

CODE  
A1548,0500

PACKAGING SIZE  
500 g

### Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A1548

PRODUCT NAME:

Bromelain from pineapple stem *BioChemica*

SPECIFICATIONS:

Assay: ~0.5 DMC-U/mg

HAZARD PICTOGRAMS



WGK:

1

STORAGE: 2 - 8°C

SIGNAL WORD: Danger

GHS SYMBOLS: GHS07  
GHS08

H PHRASES: H315  
H319  
H334  
H335

P PHRASES: P284  
P305+P351+P338  
P342+P311  
P403+P233  
P405  
P501

---

EINECS: 232-575-4

CS: 35079090

INDEX NR.: 647-005-00-X

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# Acetyl-Coenzyme A Trilithium Salt

## BioChemica

Assay (enzym.): min. 83 %

CODE

**A3753**

CAS

**75520-41-1**

MOLECULAR FORMULA

**C<sub>23</sub>H<sub>35</sub>Li<sub>3</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S**

MOLAR MASS

**827.37 g/mol**

### Packs sizes (1)



CODE

PACKAGING SIZE

CODE

PACKAGING SIZE

A3753,0100

100 mg

### ① Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A3753

PRODUCT NAME:

Acetyl-Coenzyme A Trilithium Salt *BioChemica*

SPECIFICATIONS:

Assay (enzym.): min. 83 %

Solubility (1 %; H<sub>2</sub>O): clear, colorless

Loss on drying: max. 5 %

WGK:

1

STORAGE: -20°C

---

EINECS: 278-233-4

CS: 29349990

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# $\alpha$ -Chymotrypsin (USP) pure, pharma grade

Assay: 90.0 - 110.0 %

CODE

**A7457**

CAS

**9004-07-3**

MOLAR MASS

**~25000 g/mol**

## Packs sizes (1)



CODE

PACKAGING SIZE

CODE  
A7457,0125

PACKAGING SIZE  
125 g

## Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A7457

PRODUCT NAME:

$\alpha$ -Chymotrypsin (USP) pure, pharma grade

SPECIFICATIONS:

Assay: 90.0 - 110.0 %

Activity (calc. on dried subst.): min. 1000 U/mg

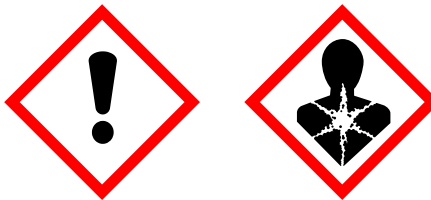
Microbial limits: passes test

Residue on ignition: max. 2.5 %

Loss on drying (4 h; 60°C; vacuum): max. 5.0 %

Trypsin: max. 1.0 %

## HAZARD PICTOGRAMS



WGK:

1

STORAGE:

-20°C

SIGNAL WORD:

Danger

GHS SYMBOLS:

GHS07

GHS08

H PHRASES:

H315

H319

H334

H335

P PHRASES:

P284

P305+P351+P338

P342+P311

P403+P233

P405

P501

---

EINECS:

232-671-2

CS:

35079090

INDEX NR.:

647-011-00-2

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# Lysozyme for molecular biology

|            |                     |
|------------|---------------------|
| CODE       | A4972               |
| CAS        | 9001-63-2           |
| MOLAR MASS | approx. 14400 g/mol |

## Packs sizes (1)



|                    |                        |
|--------------------|------------------------|
| CODE               | PACKAGING SIZE         |
| CODE<br>A4972,0010 | PACKAGING SIZE<br>10 g |

## Technical data

|                       |                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------|
| PHYSICAL DESCRIPTION: | Solid                                                                                       |
| PRODUCT CODE:         | A4972                                                                                       |
| PRODUCT NAME:         | Lysozyme for molecular biology                                                              |
| SHORT DESCRIPTION:    | additional product description: Hydrochloride form<br>salt-free, albumin-free, freeze-dried |
| SPECIFICATIONS:       | DNases/RNases/Proteases: not detectable<br>Activity (pH 6.2): min. 20000 U/mg               |
| WGK:                  | 1                                                                                           |
| STORAGE:              | -20°C                                                                                       |
| SHIPMENT:             | RT                                                                                          |

ORIGIN: from chicken egg white

EINECS: 232-620-4

CS: 35079090

---

# Lysozyme *BioChemica*

CODE

**A3711**

CAS

**9001-63-2**

MOLAR MASS

**approx. 14400 g/mol**

## Packs sizes (3)



CODE

PACKAGING SIZE

CODE  
A3711,0001

PACKAGING SIZE  
1 g



CODE  
A3711,0010

PACKAGING SIZE  
10 g



CODE  
A3711,0050

PACKAGING SIZE  
50 g

## ① Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A3711

PRODUCT NAME:

Lysozyme *BioChemica*

SHORT DESCRIPTION:

additional product description: Hydrochloride form  
salt-free, albumin-free, freeze-dried

SPECIFICATIONS:

|           |                                    |
|-----------|------------------------------------|
|           | Activity (pH 6.2): min. 20000 U/mg |
| WGK:      | 1                                  |
| STORAGE:  | -20°C                              |
| SHIPMENT: | RT                                 |
| ORIGIN:   | from chicken egg white             |
| EINECS:   | 232-620-4                          |
| CS:       | 35079090                           |

# Liquid Pepsin

|      |           |
|------|-----------|
| CODE | 176408    |
| CAS  | 9001-75-6 |

## Packs sizes (1)



|                     |                       |
|---------------------|-----------------------|
| CODE                | PACKAGING SIZE        |
| CODE<br>176408.1214 | PACKAGING SIZE<br>5 L |

## Technical data

|                       |                                              |
|-----------------------|----------------------------------------------|
| PHYSICAL DESCRIPTION: | Liquid                                       |
| PRODUCT CODE:         | 176408                                       |
| PRODUCT NAME:         | Liquid Pepsin                                |
| SPECIFICATIONS:       | Proteolytic Activity: min. 660 u Ph. Eur./ml |

### HAZARD PICTOGRAMS



|              |         |
|--------------|---------|
| WGK:         | nwg     |
| STORAGE:     | 2 - 8°C |
| SIGNAL WORD: | Danger  |

|              |                                                |
|--------------|------------------------------------------------|
| GHS SYMBOLS: | GHS08                                          |
| H PHRASES:   | H334                                           |
| P PHRASES:   | P261<br>P284<br>P304+P340<br>P342+P311<br>P501 |

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|            |                      |
|------------|----------------------|
| ORIGIN:    | from porcine stomach |
| EINECS:    | 232-629-3            |
| CS:        | 35079090             |
| INDEX NR.: | 647-008-00-6         |

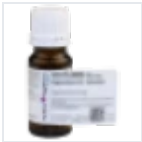
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# Hyaluronidase Grade I

|      |            |
|------|------------|
| CODE | A1937      |
| CAS  | 37326-33-3 |

## Packs sizes (1)



|            |                |
|------------|----------------|
| CODE       | PACKAGING SIZE |
| A1937,0001 | 1 g            |

## Technical data

|                       |                                        |
|-----------------------|----------------------------------------|
| PHYSICAL DESCRIPTION: | Solid                                  |
| PRODUCT CODE:         | A1937                                  |
| PRODUCT NAME:         | Hyaluronidase Grade I                  |
| SHORT DESCRIPTION:    | delivery form: salt-free, freeze-dried |
| SPECIFICATIONS:       | Activity: min. 500 U/mg material       |
| WGK:                  | 1                                      |
| STORAGE:              | -20°C                                  |
| ORIGIN:               | from ovine testes                      |
| EINECS:               | 253-464-3                              |
| CS:                   | 35079090                               |

# DNase I

|            |              |
|------------|--------------|
| CODE       | A3778        |
| CAS        | 9003-98-9    |
| MOLAR MASS | ~31000 g/mol |

## Packs sizes (4)

|                                                                                     | CODE               | PACKAGING SIZE           |
|-------------------------------------------------------------------------------------|--------------------|--------------------------|
|    | CODE<br>A3778,0010 | PACKAGING SIZE<br>10 mg  |
|  | CODE<br>A3778,0050 | PACKAGING SIZE<br>50 mg  |
|  | CODE<br>A3778,0100 | PACKAGING SIZE<br>100 mg |
|  | CODE<br>A3778,0500 | PACKAGING SIZE<br>500 mg |

## Technical data

|                       |         |
|-----------------------|---------|
| PHYSICAL DESCRIPTION: | Solid   |
| PRODUCT CODE:         | A3778   |
| PRODUCT NAME:         | DNase I |

|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| SHORT DESCRIPTION: | delivery form: salt-free, freeze-dried powder,<br>chromatographically prepared |
|--------------------|--------------------------------------------------------------------------------|

|                 |                                   |
|-----------------|-----------------------------------|
| SPECIFICATIONS: | Activity (Kunitz): min. 3000 U/mg |
|-----------------|-----------------------------------|

---

|      |   |
|------|---|
| WGK: | 1 |
|------|---|

|          |       |
|----------|-------|
| STORAGE: | -20°C |
|----------|-------|

---

|         |                      |
|---------|----------------------|
| ORIGIN: | from bovine pancreas |
|---------|----------------------|

|         |           |
|---------|-----------|
| EINECS: | 232-667-0 |
|---------|-----------|

|     |          |
|-----|----------|
| CS: | 35079090 |
|-----|----------|

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# Proteinase K solution 20 mg/ml

CODE

A4392

## Packs sizes (4)

|                                                                                     | CODE               | PACKAGING<br>SIZE           |                                                                                |
|-------------------------------------------------------------------------------------|--------------------|-----------------------------|--------------------------------------------------------------------------------|
|    | CODE<br>A4392,0001 | PACKAGING<br>SIZE<br>1 ml   |                                                                                |
|   | CODE<br>A4392,0005 | PACKAGING<br>SIZE<br>5 ml   |                                                                                |
|  | CODE<br>A4392,0010 | PACKAGING<br>SIZE<br>10 ml  |                                                                                |
|  | CODE<br>A4392,0100 | PACKAGING<br>SIZE<br>100 ml | Product discontinued. Alternative A4392,0010<br>(please check specifications). |

|                                                                                                             |                                                                                           |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <h3> Technical data</h3> |                                                                                           |
| PHYSICAL DESCRIPTION:                                                                                       | Liquid                                                                                    |
| PRODUCT CODE:                                                                                               | A4392                                                                                     |
| PRODUCT NAME:                                                                                               | Proteinase K solution 20 mg/ml                                                            |
| SPECIFICATIONS:                                                                                             | DNases/RNases: not detectable<br>Proteinase K: min. 600 mAnsonU/ml<br><b>Composition:</b> |

Glycerol (v/v): 40 %  
Proteinase K: 20 mg/mL  
CaCl<sub>2</sub> · 2H<sub>2</sub>O: 1 mM  
Tris · HCl (pH 7.5): 10 mM

---

HAZARD PICTOGRAMS



|              |                                                |
|--------------|------------------------------------------------|
| WGK:         | 1                                              |
| STORAGE:     | 2 - 8°C                                        |
| SHIPMENT:    | wet ice                                        |
| SIGNAL WORD: | Danger                                         |
| GHS SYMBOLS: | GHS08                                          |
| H PHRASES:   | H334                                           |
| P PHRASES:   | P261<br>P284<br>P304+P340<br>P342+P311<br>P501 |

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|     |          |
|-----|----------|
| CS: | 38221900 |
|-----|----------|

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# Pepsin

CODE

**A4289**

CAS

**9001-75-6**

MOLAR MASS

**~36000 g/mol**

## Packs sizes (1)



CODE

PACKAGING SIZE

CODE  
A4289,0100

PACKAGING SIZE  
100 g

## Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A4289

PRODUCT NAME:

Pepsin

SPECIFICATIONS:

Activity (Hemoglobin; pH 1.6; 25°C): min. 0.7 FIP-  
U/mg  
pH (2 %; H<sub>2</sub>O): 3.5 - 5.0  
Loss on drying (4 h; 60°C; 670 hPa; P<sub>2</sub>O<sub>5</sub>): max. 5  
%

HAZARD PICTOGRAMS



|              |                |
|--------------|----------------|
| WGK:         | 1              |
| STORAGE:     | 2 - 8°C        |
| SIGNAL WORD: | Danger         |
| GHS SYMBOLS: | GHS07<br>GHS08 |

|            |                              |
|------------|------------------------------|
| H PHRASES: | H315<br>H319<br>H334<br>H335 |
|------------|------------------------------|

|            |                                                                  |
|------------|------------------------------------------------------------------|
| P PHRASES: | P284<br>P305+P351+P338<br>P342+P311<br>P403+P233<br>P405<br>P501 |
|------------|------------------------------------------------------------------|

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|         |                      |
|---------|----------------------|
| ORIGIN: | from porcine stomach |
|---------|----------------------|

|         |           |
|---------|-----------|
| EINECS: | 232-629-3 |
|---------|-----------|

|     |          |
|-----|----------|
| CS: | 35079090 |
|-----|----------|

|            |              |
|------------|--------------|
| INDEX NR.: | 647-008-00-6 |
|------------|--------------|

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# Pepsin Pack

CODE

175748

## Packs sizes (1)



CODE

PACKAGING SIZE

CODE  
175748.0922

PACKAGING SIZE  
1 pack

## Technical data

|                    |                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------|
| PRODUCT CODE:      | 175748                                                                                                |
| PRODUCT NAME:      | Pepsin Pack                                                                                           |
| SHORT DESCRIPTION: | additional product description: for analysis of trichina                                              |
| SPECIFICATIONS:    | <b>Composition:</b><br>175208 Pepsin 1:10.000 NF: 3 x 1000 g<br>133378 Hydrochloric Acid 25%: 1 x 5 L |

## HAZARD PICTOGRAMS



|           |      |
|-----------|------|
| UN:       | 1789 |
| CLASS/PG: | 8/II |
| ADR:      | 8/II |



|              |         |
|--------------|---------|
| IMDG:        | 8/II    |
| IATA:        | 8/II    |
| WGK:         | 1       |
| STORAGE:     | 2 - 8°C |
| SIGNAL WORD: | Danger  |

|              |                         |
|--------------|-------------------------|
| GHS SYMBOLS: | GHS05<br>GHS07<br>GHS08 |
|--------------|-------------------------|

|            |                              |
|------------|------------------------------|
| H PHRASES: | H290<br>H314<br>H334<br>H335 |
|------------|------------------------------|

|            |                                                                                                    |
|------------|----------------------------------------------------------------------------------------------------|
| P PHRASES: | P280<br>P303+P361+P353<br>P305+P351+P338<br>P310<br>P321<br>P342+P311<br>P362+P364<br>P405<br>P501 |
|------------|----------------------------------------------------------------------------------------------------|

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|     |          |
|-----|----------|
| CS: | 35079090 |
|-----|----------|

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# Pepsin 1:10.000 NF

CODE

175208

CAS

9001-75-6

## Packs sizes (1)



CODE

PACKAGING SIZE

CODE

175208.0011

PACKAGING SIZE

1000 g

## ① Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

175208

PRODUCT NAME:

Pepsin 1:10.000 NF

SPECIFICATIONS:

Proteolytic Activity: 1 : 10000

Insoluble matter in H<sub>2</sub>O: passes test

Identity (IR): passes test

pH (5 %; H<sub>2</sub>O): 3 - 5

HAZARD PICTOGRAMS



WGK:

1

STORAGE:

2 - 8°C  
protected from light

SIGNAL WORD: Danger

GHS SYMBOLS: GHS07  
GHS08

H PHRASES: H315  
H319  
H334  
H335

P PHRASES: P284  
P305+P351+P338  
P342+P311  
P403+P233  
P405  
P501

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EINECS: 232-629-3

CS: 35079090

INDEX NR.: 647-008-00-6

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# Pancreatin

CODE

**A0585**

CAS

**8049-47-6**

## Packs sizes (2)



CODE

PACKAGING SIZE

CODE  
A0585,0100

PACKAGING SIZE  
100 g



CODE  
A0585,0500

PACKAGING SIZE  
500 g

## Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A0585

PRODUCT NAME:

Pancreatin

SPECIFICATIONS:

Loss on drying: max. 5 %  
Amylase: min. 22500 FIP-U/g  
Lipase: min. 22500 FIP-U/g  
Protease: min. 1050 FIP-U/g

HAZARD PICTOGRAMS



|              |                |
|--------------|----------------|
| WGK:         | 1              |
| STORAGE:     | 2 - 8°C        |
| SIGNAL WORD: | Danger         |
| GHS SYMBOLS: | GHS07<br>GHS08 |

|            |                                      |
|------------|--------------------------------------|
| H PHRASES: | H315<br>H317<br>H319<br>H334<br>H335 |
|------------|--------------------------------------|

|            |                                                                  |
|------------|------------------------------------------------------------------|
| P PHRASES: | P284<br>P305+P351+P338<br>P342+P311<br>P403+P233<br>P405<br>P501 |
|------------|------------------------------------------------------------------|

---

|         |                       |
|---------|-----------------------|
| ORIGIN: | from porcine pancreas |
|---------|-----------------------|

|         |           |
|---------|-----------|
| EINECS: | 232-468-9 |
|---------|-----------|

|     |          |
|-----|----------|
| CS: | 35079090 |
|-----|----------|

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# Taq DNA Polymerase DNA-free

CODE

A5434

## Packs sizes (1)



CODE

PACKAGING SIZE

CODE  
A5434,0500

PACKAGING SIZE  
500 U

## Technical data

|                 |                                                                                                                                                                                                                 |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PRODUCT CODE:   | A5434                                                                                                                                                                                                           |
| PRODUCT NAME:   | Taq DNA Polymerase DNA-free                                                                                                                                                                                     |
| SPECIFICATIONS: | <ul style="list-style-type: none"><li>• Unit definition: see comment.</li><li>• supplied with reaction buffer (10X)</li></ul> Concentration: 5000 Units/ml<br>Bacterial DNA: not detectable (min. 40 PCR cycle) |
| STORAGE:        | -20°C                                                                                                                                                                                                           |
| SHIPMENT:       | wet ice                                                                                                                                                                                                         |
| ORIGIN:         | from <i>Thermus aquaticus</i> , recombinant ( <i>E. coli</i> )                                                                                                                                                  |
| CS:             | 35079090                                                                                                                                                                                                        |

# RNase A (DNase-free)

CODE

**A3832**

CAS

**9001-99-4**

MOLAR MASS

**~13700 g/mol**

## Packs sizes (3)



CODE

PACKAGING SIZE

CODE  
A3832,0050

PACKAGING SIZE  
50 mg



CODE  
A3832,0250

PACKAGING SIZE  
250 mg



CODE  
A3832,0500

PACKAGING SIZE  
500 mg

## Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A3832

PRODUCT NAME:

RNase A (DNase-free)

SHORT DESCRIPTION:

delivery form: salt-free, freeze dried

SPECIFICATIONS:

DNases: not detectable

Proteases: not detectable  
Activity: min. 80 U/mg (Kunitz)

---

WGK: 1

STORAGE: -20°C

---

ORIGIN: from bovine pancreas

EINECS: 232-646-6

CS: 35079090

---



# RNase A

Assay: approx. 70 %

CODE

**A2760**

CAS

**9001-99-4**

MOLAR MASS

**~13700 g/mol**

## Packs sizes (2)



CODE

PACKAGING SIZE

CODE  
A2760,0100

PACKAGING SIZE  
100 mg



CODE  
A2760,1000

PACKAGING SIZE  
1 g

## Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A2760

PRODUCT NAME:

RNase A

SHORT DESCRIPTION:

delivery form: salt-free, freeze dried

SPECIFICATIONS:

Assay: approx. 70 %  
Activity: min. 70 U/mg (Kunitz)

WGK:

1

STORAGE: -20°C

---

ORIGIN: from bovine pancreas

EINECS: 232-646-6

CS: 35079090

---

# Proteinase K, recombinant

|            |            |
|------------|------------|
| CODE       | A7932      |
| CAS        | 39450-01-6 |
| MOLAR MASS | 28.8 kD    |

## Packs sizes (3)

|                                                                                     | CODE                 | PACKAGING SIZE           |
|-------------------------------------------------------------------------------------|----------------------|--------------------------|
|    | CODE<br>A7932,0100   | PACKAGING SIZE<br>100 mg |
|  | CODE<br>A7932,0100PE | PACKAGING SIZE<br>100 mg |
|  | CODE<br>A7932,0500   | PACKAGING SIZE<br>500 mg |

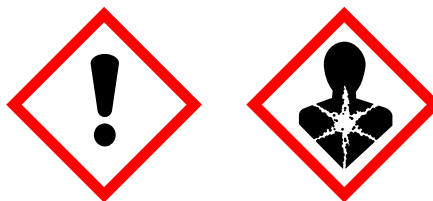
## Technical data

|                    |                               |
|--------------------|-------------------------------|
| SOLUBILITY:        | clear, colorless (20 mg/ml)   |
| PRODUCT CODE:      | A7932                         |
| PRODUCT NAME:      | Proteinase K, recombinant     |
| SHORT DESCRIPTION: | delivery form: lyophilized    |
| SPECIFICATIONS:    | DNases/RNases: not detectable |

Activity: min. 30 mAnsonU/mg  
Appearance: white lyophilizate  
Total viable counts:  $\leq 125$  cfu/g  
DNA (threshold):  $\leq 10$  pg/mg enzyme

---

HAZARD PICTOGRAMS



WGK:

1

STORAGE:

2 - 8°C

SIGNAL WORD:

Danger

GHS SYMBOLS:

GHS07  
GHS08

H PHRASES:

H315  
H319  
H334  
H335

P PHRASES:

P261  
P284  
P305+P351+P338  
P342+P311  
P405  
P501

---

ORIGIN:

from *Tritirachium album*

EINECS:

254-457-8

CS:

35079090

INDEX NR.:

647-014-00-9

---

# Proteinase K, lyophilized

|            |             |
|------------|-------------|
| CODE       | A3830       |
| CAS        | 39450-01-6  |
| MOLAR MASS | 27000 g/mol |

## Packs sizes (4)

|                                                                                     | CODE               | PACKAGING<br>SIZE           |                                                                             |
|-------------------------------------------------------------------------------------|--------------------|-----------------------------|-----------------------------------------------------------------------------|
|   | CODE<br>A3830,0220 | PACKAGING<br>SIZE<br>220 mg | Product discontinued. Alternative A3830,0100 (please check specifications). |
|  | CODE<br>A3830,0025 | PACKAGING<br>SIZE<br>25 mg  |                                                                             |
|  | CODE<br>A3830,0100 | PACKAGING<br>SIZE<br>100 mg |                                                                             |
|  | CODE<br>A3830,0500 | PACKAGING<br>SIZE<br>500 mg |                                                                             |

## Technical data

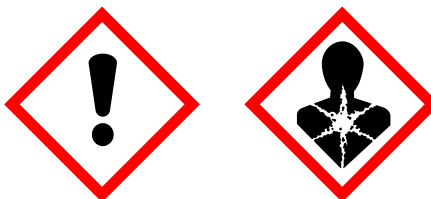
SOLUBILITY: soluble (H<sub>2</sub>O)

PRODUCT CODE: A3830

|                    |                                                                                                                                   |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| PRODUCT NAME:      | Proteinase K, lyophilized                                                                                                         |
| SHORT DESCRIPTION: | delivery form: lyophilized                                                                                                        |
| SPECIFICATIONS:    | DNases/RNases: not detectable<br>Activity: min. 30 mAnsonU/mg<br>Appearance: white<br>pH (1 %, H <sub>2</sub> O; 20°C): 6.2 - 6.8 |

---

HAZARD PICTOGRAMS



|              |                                                                  |
|--------------|------------------------------------------------------------------|
| WGK:         | 1                                                                |
| STORAGE:     | 2 - 8°C                                                          |
| SIGNAL WORD: | Danger                                                           |
| GHS SYMBOLS: | GHS07<br>GHS08                                                   |
| H PHRASES:   | H315<br>H319<br>H334<br>H335                                     |
| P PHRASES:   | P284<br>P305+P351+P338<br>P342+P311<br>P403+P233<br>P405<br>P501 |

---

|            |                                |
|------------|--------------------------------|
| ORIGIN:    | from <i>Tritirachium album</i> |
| EINECS:    | 254-457-8                      |
| CS:        | 35079090                       |
| INDEX NR.: | 647-014-00-9                   |

---

# Trypsinogen

CODE

**A4532**

CAS

**9002-08-8**

MOLAR MASS

**24000 daltons**

## Packs sizes (1)



CODE

PACKAGING SIZE

CODE  
A4532,0005

PACKAGING SIZE  
5 g

## Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A4532

PRODUCT NAME:

Trypsinogen

SHORT DESCRIPTION:

additional product description: supplied as freeze dried powder

SPECIFICATIONS:

Native Activity: <1 % of the potential activity  
Potential Activity: min. 2500 U/mg

WGK:

1

STORAGE:

-20°C

ORIGIN:

from bovine pancreas

EINECS: 232-651-3

CS: 35079090

---



# Trypsin from bovine pancreas

CODE

**A3964**

CAS

**9002-07-7**

MOLAR MASS

**23800 daltons**

## Packs sizes (1)



CODE

PACKAGING SIZE

CODE  
A3964,0005

PACKAGING SIZE  
5 g

## Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A3964

PRODUCT NAME:

Trypsin from bovine pancreas

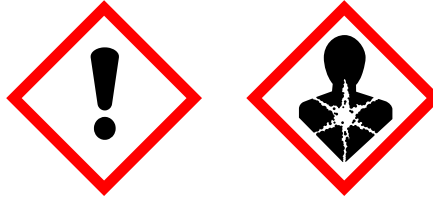
SHORT DESCRIPTION:

additional product description: supplied as salt-free, freeze-dried powder

SPECIFICATIONS:

Activity (Chymotrypsin) per 2500 Trypsin Units:  
max. 50 U  
Activity (Trypsin): min. 2500 U/mg  
Bacterial plate count: <10000 organisms/g  
P. aeruginosa, Salmonella, Staphylococcus aureus:  
absent

HAZARD PICTOGRAMS



WGK:

1

STORAGE:

-20°C

SIGNAL WORD:

Danger

GHS SYMBOLS:

GHS07

GHS08

H PHRASES:

H315

H319

H334

H335

P PHRASES:

P284

P305+P351+P338

P342+P311

P403+P233

P405

P501

---

ORIGIN:

from beef pancreas

EINECS:

232-650-8

CS:

35079090

INDEX NR.:

647-010-00-7

---

# Trypsin 1 : 250 from porcine pancreas

Chymotrypsin Assay (ATEE): min. 40 USP U/mg

CODE

**A4148**

CAS

**9002-07-7**

## Packs sizes (1)



CODE

PACKAGING SIZE

CODE

A4148,0100

PACKAGING SIZE

100 g

## Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A4148

PRODUCT NAME:

Trypsin 1 : 250 from porcine pancreas

SPECIFICATIONS:

Chymotrypsin Assay (ATEE): min. 40 USP U/mg

Trypsin Assay (BAEE): min. 250 USP U/mg

pH (1 %; H<sub>2</sub>O): 3.0 - 6.0 (in suspension)

Loss on drying (4 h; 60°C; vacuum): max. 5.0 %

HAZARD PICTOGRAMS



WGK:

1

STORAGE: -20°C

SIGNAL WORD: Danger

GHS SYMBOLS: GHS07  
GHS08

H PHRASES: H315  
H319  
H334  
H335

P PHRASES: P284  
P305+P351+P338  
P342+P311  
P403+P233  
P405  
P501

---

ORIGIN: from porcine pancreas

CS: 35079090

INDEX NR.: 647-010-00-7

---

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