

	<b>SPECIFICATION</b>	<b>12/24</b>
	<b>CASEIN PEPTONE</b>	Strona: 1/1

## 1. PRODUCT INFORMATION

<b>CHEMICAL NAME</b>	Casein peptone
<b>CHEMICAL FORMULA</b>	-
<b>MOLECULAR WEIGHT</b>	-
<b>ORIGIN</b>	Milk casein
<b>RECIIVING METHODS</b>	Enzymatic hydrolysis of casein
<b>ORDERED QUANTITY</b>	11,5 kg

2. **USAGE DETAILS** – peptone necessary for the implementation of research and development works carried out under task I of the project "Development and introduction of a standardized semi-synthetic medium for the cultivation of *Corynebacterium diphtheriae* PW8 as a base for the production of the active substance (API) for anti-diphtheria vaccines" (funding agreement number: FENG.01.01-IP.01-0051/23-00).

3.

4. **SHELF-LIFE** – min. 4 years

5. **RETEST PERIOD** – n/a

6. **REGISTARTION SPECIFICATION NUMBER** – n/a

7. **STORAGE I PRECAUTION** -

Keep container tightly closed, avoid excessive heat, protect from moisture

## 8. STANDARDS

PARAMETER	STANDARDS
Appereance	Light tan powder
Solubility in water (5% solution)	complete
pH (2% solution)	6,4 – 7,0
Total Nitrogen (TN)	Greater than 11%
Amino Nitrogen (AN)	Greater than 6%
Loss on drynig	Less than 5%
Residue on Ignition	Less than 7,5%
Microbiological contamination: - total aerobic plate count - total count of Enterobacteriaceae	- less than 10 <sup>3</sup> CFU / g - less than 10 CFU / g



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