

8 de Noviembre de 2016

A quien pueda interesar,

CERTIFICACIÓN

El titular que suscribe certifica que el principio activo Clorhidrato de Dorzolamida utilizado en el producto COSOPT (registro ISP Nro. F-1.875/14) los cuales se exportan a Chile a la empresa Alpes Chemie S.A., utilizan el principio activo de este proveedor, que cuenta con Certificación GMP vigente hasta el 12 Mayo 2018.

Que la información proporcionada en esta declaración de conformidad es verdadera, exacta y completa a lo mejor de su / sus conocimientos.

DECLARACIÓN DE CONFORMIDAD de Buenas Prácticas de Manufactura (cGMP)

Esta carta es para afirmar que todos los ingredientes farmacéuticos activos suministrados por Zach System SPA., Italia se fabrican de acuerdo con cGMP [Q7, Good Manufacturing Practice Guidance for Active Pharmaceutical Ingredients] y cumple con todas las especificaciones de la USP. Además, la instalación de Zach System SPA., Italia se ha registrado en la Administración de Alimentos y Medicamentos (FDA).

Las instalaciones son inspeccionadas de forma rutinariamente para el cumplimiento de cGMP según las directrices de la FDA. A medida que el Food and Drug Administration de Estados Unidos (FDA) no emite licencias ni certificados de cumplimiento de la fabricación, el registro de establecimientos farmacéuticos se puede confirmarse a través del siguiente weblink de la FDA (una captura de pantalla se adjunta en el documento enviado en anexo a la presente declaración): http://www.accessdata.fda.gov/scripts/cder/drls/default.cfm

Katia Esteves dos Santos

Farmacéutica

Directora de Asuntos regulatorios y Garantía de la calidad – Latino América

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www.mundipharma.com



TRUE AND ACCURATE COPY DECLARATION

Merck Co., Inc., certifies that the attached document is a true and accurate copy of the original.

Roy Williams Associate Director		Date: 19 May don
Commonwealth of Pennsylvania)) SS:	
County of Montgomery)	
	proven) to be the person for the purposes therein	, the undersigned officer, personally appeared Roy whose name is subscribed to the within instrument, and contained.

COMMONWEALTH OF PENNSYLVANIA

Notary Public

NOTARIAL SEAL
ALICEANNE R. LAND, Notary Public
Doylestown Twp., Bucks County
My Commission Expires March 3, 2018





Certificate No: IT-API/19/H/2016

CERTIFICATE OF GMP COMPLIANCE OF A MANUFACTURER

Part 1

Issued following an inspection in accordance with Art. 111(5) of Directive 2001/83/EC

The competent authority of Italy confirms the following: The manufacturer ZACH SYSTEM SPA Site address Via Dovaro, snc - 36045 LONIGO (VI)

Is an active substance manufacturer that has been inspected in accordance with Art. 111(1) of Directive 2001/83/EC transposed in the following national legislation: **D.L. n. 219 of 24th April 2006 art. 53**

From the knowledge gained during inspection of this manufacturer, the latest of which was conducted on 2015/05/15, it is considered that it complies with the Good Manufacturing Practice requirements referred to in the principles of GMP for active substances referred to in Article 47 of Directive 2001/83/EC.

This certificate reflects the status of the manufacturing site at the time of the inspection noted above and should not be relied upon to reflect the compliance status if more than three years have elapsed since the date of that inspection. However, this period of validity may be reduced or extended using regulatory risk management principles by an entry in the Restrictions or Clarifying remarks field. The authenticity of this certificate may be verified in EudraGMDP. If it does not appear, please contact the issuing authority.

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SIS: 3039





Part 2

Name and address of the site: ZACH SYSTEM SPA - Via Dovaro, snc, 36045 LONIGO (VI)

Name of the active Substances manufactured or imported:

ACETYLCYSTEINE

BAZEDOXIFENE ACETATE

CARVEDILOL

DILTIAZEM HYDROCHLORIDE

DORZOLAMIDE HYDROCHLORIDE

FOSAPREPITANT DIMEGLUMINE

FOSFOMYCIN PHENYLETHYLAMINE

FOSFOMYCIN TROMETAMOL

GABAPENTIN

ISOXEPAC

MORCLOFONE

NEBIVOLOL HYDROCHLORIDE

NIFEDIPINE

NIFURTOINOL

NITROFURANTOIN

OLOPATADINE HYDROCHLORIDE

PIRFENIDONE

PROPOFOL

RIFAXIMIN

RIFAXIMIN CRUDE

SAFINAMIDE METHANSULFONATE

SULINDAC

THIAMPHENICOL

THIAMPHENICOL GLYCINATE ACETYLCYSTEINATE

THIAMPHENICOL GLYCINATE HYDROCHLORIDE

THIAMPHENICOL CRUDE

TROMETAMOL CRUDE

VIMINOL P-HYDROXYBENZOATE

ZALEPLON







3 - Manufacturing Operations - Active Substances **ACETYLCYSTEINE**

3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
	3.5.1. Physical processing steps
	drying, milling/micronisation
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a
	packaging material which is in direct contact with the substance)
	3.5.3. Secondary Packaging (placing the sealed primary package within an
	outer packaging material or container. This also includes any labelling of the
	material which could be used for identification or traceability (lot
	numbering) of the active substance)
3.6	Quality Control Testing
	3.6.1. Physical / Chemical testing

3 - Manufacturing Operations - Active Substances **BAZEDOXIFENE ACETATE**

3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	Special Requirements
	Other: Hormones or substances with hormonal activity
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
- A BI - 2 2 2	crystallisation
3.5	General Finishing Steps
	3.5.1. Physical processing steps
	drying, milling/micronisation







	 3.5.2. Primary Packaging (enclosing / sealing the active substance within a packaging material which is in direct contact with the substance) 3.5.3. Secondary Packaging (placing the sealed primary package within an outer packaging material or container. This also includes any labelling of the material which could be used for identification or traceability (lot numbering) of the active substance)
3.6	Quality Control Testing
	3.6.1. Physical / Chemical testing

3 - Manufacturing Operations - Active Substances CARVEDILOL

3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
	3.5.1. Physical processing steps
	drying, milling/micronisation
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a
	packaging material which is in direct contact with the substance)
	3.5.3. Secondary Packaging (placing the sealed primary package within an
	outer packaging material or container. This also includes any labelling of the
	material which could be used for identification or traceability (lot
	numbering) of the active substance)
3.6	Quality Control Testing
	3.6.1. Physical / Chemical testing

3 - Manufacturing Operations - Active Substances DILTIAZEM HYDROCHLORIDE

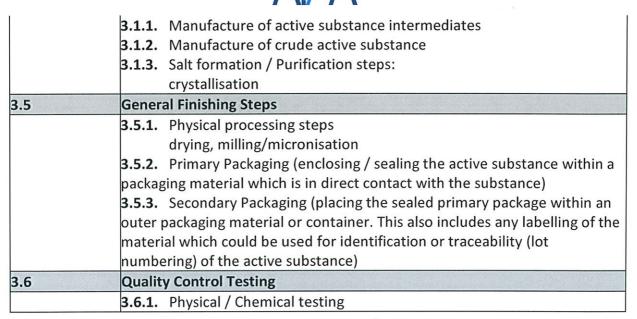
3.1 Manufacture of Active Substance by Chemical Synthesis

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VI GMP





3 - Manufacturing Operations - Active Substances DORZOLAMIDE HYDROCHLORIDE

3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
	3.5.1. Physical processing steps
	drying, milling/micronisation
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a
	packaging material which is in direct contact with the substance)
	3.5.3. Secondary Packaging (placing the sealed primary package within an
	outer packaging material or container. This also includes any labelling of the
	material which could be used for identification or traceability (lot
	numbering) of the active substance)
3.6	Quality Control Testing



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Ministero dell'Economia HARCA DA BOLLO

IDENTIFICATIVO :

€16,00





3.6.1. Physical / Chemical testing

3 - Manufacturing Operations - Active Substances FOSAPREPITANT DIMEGLUMINE 3.1 Manufacture of Active Substance by Chemical Synthesis **3.1.1.** Manufacture of active substance intermediates 3.1.2. Manufacture of crude active substance **3.1.3.** Salt formation / Purification steps: crystallisation 3.5 **General Finishing Steps 3.5.1.** Physical processing steps drying, milling/micronisation **3.5.2.** Primary Packaging (enclosing / sealing the active substance within a packaging material which is in direct contact with the substance) **3.5.3.** Secondary Packaging (placing the sealed primary package within an outer packaging material or container. This also includes any labelling of the material which could be used for identification or traceability (lot



3.6

3 - Manufacturing Operations - Active Substances FOSFOMYCIN TROMETAMOL

Quality Control Testing

numbering) of the active substance)

3.6.1. Physical / Chemical testing

3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
	3.5.1. Physical processing steps
	drying, milling/micronisation





	3.5.2. Primary Packaging (enclosing / sealing the active substance within a packaging material which is in direct contact with the substance) 3.5.3. Secondary Packaging (placing the sealed primary package within an outer packaging material or container. This also includes any labelling of the material which could be used for identification or traceability (lot numbering) of the active substance)
3.6	Quality Control Testing
	3.6.1. Physical / Chemical testing

3 - Manufacturing Operations - Active Substances GABAPENTIN

3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
	3.5.1. Physical processing steps
	drying, milling/micronisation
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a
	packaging material which is in direct contact with the substance)
	3.5.3. Secondary Packaging (placing the sealed primary package within an
2)	outer packaging material or container. This also includes any labelling of the
1	material which could be used for identification or traceability (lot
	numbering) of the active substance)
3.6	Quality Control Testing
	3.6.1. Physical / Chemical testing



3.1 Manufacture of Active Substance by Chemical Synthesis

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	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
	3.5.1. Physical processing steps
	drying
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a
	packaging material which is in direct contact with the substance)
	3.5.3. Secondary Packaging (placing the sealed primary package within an
	outer packaging material or container. This also includes any labelling of the
	material which could be used for identification or traceability (lot
14 ×	numbering) of the active substance)
3.6	Quality Control Testing
	3.6.1. Physical / Chemical testing

3 - Manufacturing Operations - Active Substances NEBIVOLOL HYDROCHLORIDE

3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
	3.5.1. Physical processing steps
	drying, milling/micronisation
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a
	packaging material which is in direct contact with the substance)
	3.5.3. Secondary Packaging (placing the sealed primary package within an
material which could be us	outer packaging material or container. This also includes any labelling of the
	material which could be used for identification or traceability (lot
	numbering) of the active substance)
3.6	Quality Control Testing



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3.6.1. Physical / Chemical testing

3 - Manufacturing Operations - Active Substances NIFEDIPINE	
3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
	3.5.1. Physical processing steps
	drying, milling/micronisation
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a
	packaging material which is in direct contact with the substance)
	3.5.3. Secondary Packaging (placing the sealed primary package within an
	outer packaging material or container. This also includes any labelling of the
	material which could be used for identification or traceability (lot
	numbering) of the active substance)
3.6	Quality Control Testing
	3.6.1. Physical / Chemical testing

3 - Manufacturing Operations - Active Substances NIFURTOINOL

3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
	3.5.1. Physical processing steps
	drying, milling/micronisation





3.5.2. Primary Packaging (enclosing / sealing the active substance within a
packaging material which is in direct contact with the substance)
3.5.3. Secondary Packaging (placing the sealed primary package within an
outer packaging material or container. This also includes any labelling of the
material which could be used for identification or traceability (lot
numbering) of the active substance)
Quality Control Testing
3.6.1. Physical / Chemical testing

3	- Manufacturing Operations - Active Substances
OI	OPATADINE HYDROCHLORIDE

3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
	3.5.1. Physical processing steps
	drying, milling/micronisation
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a
	packaging material which is in direct contact with the substance)
	3.5.3. Secondary Packaging (placing the sealed primary package within an
	outer packaging material or container. This also includes any labelling of the
	material which could be used for identification or traceability (lot
	numbering) of the active substance)
3.6	Quality Control Testing
	3.6.1. Physical / Chemical testing

3 - Manufacturing Operations - Active Substances PIRFENIDONE

3.1 Manufacture of Active Substance by Chemical Synthesis

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3.1.1. Manufacture of active substance intermediates
3.1.2. Manufacture of crude active substance
3.1.3. Salt formation / Purification steps:
crystallisation
General Finishing Steps
3.5.1. Physical processing steps
drying, milling/micronisation
3.5.2. Primary Packaging (enclosing / sealing the active substance within a
packaging material which is in direct contact with the substance)
3.5.3. Secondary Packaging (placing the sealed primary package within an
outer packaging material or container. This also includes any labelling of the
material which could be used for identification or traceability (lot
numbering) of the active substance)
Quality Control Testing
3.6.1. Physical / Chemical testing

3 - Man PROPOF	ufacturing Operations - Active Substances OL
3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	distillation
3.5	General Finishing Steps
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a packaging material which is in direct contact with the substance)
	3.5.3. Secondary Packaging (placing the sealed primary package within an outer packaging material or container. This also includes any labelling of the material which could be used for identification or traceability (lot numbering) of the active substance)
3.6	Quality Control Testing
	3.6.1. Physical / Chemical testing







3 - Man	ufacturing Operations - Active Substances IN
3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
	 3.5.1. Physical processing steps drying, milling/micronisation 3.5.2. Primary Packaging (enclosing / sealing the active substance within a packaging material which isin direct contact with the substance) 3.5.3. Secondary Packaging (placing the sealed primary package within an outer packaging material or container. This also includes any labelling of the material which could be used for identification or traceability (lot numbering) of the active substance)
3.6	Quality Control Testing
	3.6.1. Physical / Chemical testing

3 - Manufacturing Operations - Active Substances SAFINAMIDE METHANSULFONATE

3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
	3.5.1. Physical processing steps
4	drying, milling/micronisation
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a
	packaging material which is in direct contact with the substance)

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3.5.3. Secondary Packaging (placing the sealed primary package within an outer packaging material or container. This also includes any labelling of the material which could be used for identification or traceability (lot numbering) of the active substance)

3.6 Quality Control Testing
3.6.1. Physical / Chemical testing

3 - Manufacturing Operations - Active Substances SULINDAC

3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
	3.5.1. Physical processing steps
	drying, milling/micronisation
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a packaging material which is in direct contact with the substance)
7	3.5.3. Secondary Packaging (placing the sealed primary package within an
	outer packaging material or container. This also includes any labelling of the
	material which could be used for identification or traceability (lot
	numbering) of the active substance)
3.6	Quality Control Testing
	3.6.1. Physical / Chemical testing



3 - Manufacturing Operations - Active Substances THIAMPHENICOL

3.1	Manufacture of Active Substance by Chemical Synthesis	Manufa
	3.1.1. Manufacture of active substance intermediates	3.1.1.
	3.1.2. Manufacture of crude active substance	3.1.2.

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	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
	3.5.1. Physical processing steps
	drying, milling/micronisation
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a
	packaging material which is in direct contact with the substance)
	3.5.3. Secondary Packaging (placing the sealed primary package within an
	outer packaging material or container. This also includes any labelling of the
	material which could be used for identification or traceability (lot
	numbering) of the active substance)
3.6	Quality Control Testing
	3.6.1. Physical / Chemical testing

3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
	3.5.1. Physical processing steps
	drying, milling/micronisation
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a
	packaging material which is in direct contact with the substance)
	3.5.3. Secondary Packaging (placing the sealed primary package within an
	outer packaging material or container. This also includes any labelling of the



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3 - Manufacturing Operations - Active Substances

numbering) of the active substance)

3.6.1. Physical / Chemical testing

Quality Control Testing

3.6





3 - Manufacturing Operations - Active Substances THIAMPHENICOL GLYCINATE HYDROCHLORIDE

3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
	3.5.1. Physical processing steps
	drying, milling/micronisation
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a
	packaging material which is in direct contact with the substance)
	3.5.3. Secondary Packaging (placing the sealed primary package within an
	outer packaging material or container. This also includes any labelling of the
	material which could be used for identification or traceability (lot
	numbering) of the active substance)
3.6	Quality Control Testing
	3.6.1. Physical / Chemical testing

3 - Manufacturing Operations - Active Substances VIMINOL P-HYDROXYBENZOATE

3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.2. Manufacture of crude active substance
	3.1.3. Salt formation / Purification steps:
	crystallisation
3.5	General Finishing Steps
1	3.5.1. Physical processing steps
	drying, milling/micronisation
7	3.5.2. Primary Packaging (enclosing / sealing the active substance within a
	packaging material which is in direct contact with the substance)





	3.5.3. Secondary Packaging (placing the sealed primary package within an outer packaging material or container. This also includes any labelling of the material which could be used for identification or traceability (lot
	numbering) of the active substance)
3.6	Quality Control Testing
	3.6.1. Physical / Chemical testing

3 - Manufacturing Operations - Active Substances ZALEPLON		
3.5	General Finishing Steps	
	3.5.4. Other	
	Batch certification only	
3.6	Quality Control Testing	
	3.6.1. Physical / Chemical testing	

4. Other Activities - Active Substance:

Importation of:

FOSFOMYCIN PHENYLETHYLAMINE (Confidential); GABAPENTIN; ISOXEPAC (Confidential); NITROFURANTOIN (Confidential); RIFAXIMIN CRUDE (Confidential); THIAMPHENICOL CRUDE (Confidential); TROMETAMOL CRUDE (Confidential)

Restrictions or clarifying remarks:

Imported APIs marked as confidential undergo further processing within the importing site. The Inspectorate adopted a risk-based approach for planning of inspections, therefore the validity of the GMP certificate for this manufacturing site is not more than 36 months from the last general GMP inspection, which was conducted on 2015 May 12. It will still be AIFA's right to re-evaluate the validity of the GMP certificate based on risk profile changes. Carvedilol is not destined to the European economic area



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Rome, 2016/03/17

Name and signature of the authorised person of the Competent Authority of Republic of Italy

Dott.ssa Isabella Marta AIFA - Manufacturing Authorization Office

