

Certificate No: IT-API/50/H/2018

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 OLON S.P.A. Site address VIA MILANO, 186 - 20024 GARBAGNATE MILANESE (MI)

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 2017/06/23, 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 regulatoryrisk 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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Part 2

Name and address of the site: OLON S.P.A. - VIA MILANO, 186, 20024 GARBAGNATE MILANESE (MI)

Name of the active Substances manufactured or imported:

ACECLIDINE HYDROCHLORIDE

ACITRETIN

ADAPALENE

ALITRETINOIN

AMFEPRAMONE HYDROCHLORIDE

BENZPHETAMINE HYDROCHLORIDE

BUMETANIDE

BUPROPION HYDROCHLORIDE

CLIDINIUM BROMIDE

CHLORCYCLIZINE HYDROCHLORIDE

DEQUALINIUM CHLORIDE

DICYCLOVERINE HYDROCHLORIDE

ETRETINATE

FAMCICLOVIR

PHENDIMETRAZINE TARTRATE

FENRETINIDE

PHENTERMINE HYDROCHLORIDE

FLUOXETINE HYDROCHLORIDE

ISOTRETINOIN

MEMANTINE HYDROCHLORIDE

MINOXIDIL

OTILONIUM BROMIDE

PIPENZOLATE BROMIDE

PRIDINOL MESILATE

PROCYCLIDINE HYDROCHLORIDE

SELEGILINE HYDROCHLORIDE

SIBUTRAMINE HYDROCHLORIDE ANHYDROUS

TAZAROTENE

TRETINOIN

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TRIHEXYPHENIDYL HYDROCHLORIDE VALACICLOVIR HYDROCHLORIDE

3 - Manufacturing Operations - Active Substances ACECLIDINE HYDROCHLORIDE

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

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,sieving,micronisation

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	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 ADAPAL	ufacturing Operations - Active Substances ENE
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



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3 - Manufacturing Operations - Active Substances ALITRETINOIN

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, sieving, 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 AMFEPRAMONE HYDROCHLORIDE

3.1	Manufacture of Active Substance by Chemical Synthesis
	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 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

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	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

	ufacturing Operations - Active Substances ETAMINE 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 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 BUMETANIDE

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:	

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	precipitation
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
47	3.6.1. Physical / Chemical testing

	ufacturing Operations - Active Substances ION 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
8	drying,milling
	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
(E)	outer packaging material or container. This also includes any labelling of the
9)	material which could be used for identification or traceability (lot
<i>I</i>	numbering) of the active substance)
3.6	Quality Control Testing
	3.6.1. Physical / Chemical testing

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3 - Manufacturing Operations - Active	Substances
CLIDINIUM BROMIDE	

3.1	Manufacture of Active Substance by Chemical Synthesis
	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
	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
il and a second all	3.6.1. Physical / Chemical testing

3 - Manufacturin	g Operations - Active Substances
CHLORCYCLIZINE	HYDROCHLORIDE

3.1	Manufacture of Active Substance by Chemical Synthesis
	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
20	 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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	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 intermediates3.1.3. Salt formation / Purification steps: crystallisation, salt formation
3.5	General Finishing Steps
	 3.5.1. Physical processing steps drying, milling, sieving, 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
315	3.6.1. Physical / Chemical testing

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3.1	Manufacture of Active Substance by Chemical Synthesis	
\	3.1.1. Manufacture of active substance intermediates	

3.5	General Finishing Steps
	crystallisation
1	3.1.3. Salt formation / Purification steps:
	3.1.2. Manufacture of crude active substance
	3.1.1. Manufacture of active substance intermediates

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	Walter Walter
	3.5.1. Physical processing steps drying,milling,sieving
10	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 ETRETINATE	
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, sieving	
	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	
2	material which could be used for identification or traceability (lot	
. 5	numbering) of the active substance)	
3.6	Quality Control Testing	
	3.6.1. Physical / Chemical testing	

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3 - Manufacturing Operations - Active Substances
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3.1	Manufacture of Active Substance by Chemical Synthesis
	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
	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
4	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 PHENDIMETRAZINE TARTRATE

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,sieving
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a
1	packaging material which is in direct contact with the substance)
.1	3.5.3. Secondary Packaging (placing the sealed primary package within an

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	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 FENRETINIDE (Confidential)	
3.1	Manufacture of Active Substance by Chemical Synthesis	
	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,sieving	
	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 PHENTERMINE HYDROCHLORIDE

3.1	Manuf	facture 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

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3.5	General Finishing Steps
	 3.5.1. Physical processing steps drying, sieving, milling 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

526	ufacturing Operations - Active Substances TNE 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
15	material which could be used for identification or traceability (lot
13)	numbering) of the active substance)
3.6	Quality Control Testing
	3.6.1. Physical / Chemical testing

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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, sieving, micronisation	
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a	
2	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 - Manufacturing Operations - Active Substances MEMANTINE 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
151	3.5.1. Physical processing steps
P	drying, milling, micronisation
1	3.5.2. Primary Packaging (enclosing / sealing the active substance within a packaging material which is in direct contact with the substance)

3.6.1. Physical / Chemical testing

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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 - Manı MINOXII	ufacturing Operations - Active Substances DIL
3.1	Manufacture of Active Substance by Chemical Synthesis
Alexander Company	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
F	outer packaging material or container. This also includes any labelling of the
10	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 OTILONIUM BROMIDE 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

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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 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
	3.1.2. 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
1	3.5.2. Primary Packaging (enclosing / sealing the active substance within a
12/	packaging material which is in direct contact with the substance)
11,	3.5.3. Secondary Packaging (placing the sealed primary package within an
	outer packaging material or container. This also includes any labelling of th
•	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

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3 - Manufacturing Operations - Active Substances
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3.1	Manufacture of Active Substance by Chemical Synthesis
2KV (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
200 S S S S S S S S S S S S S S S S S S	3.5.1. Physical processing steps
	drying,milling
	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 PROCYCLIDINE 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:
10	crystallisation
3.5	General Finishing Steps
1	3.5.1. Physical processing steps
	drying,milling
	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 ELEGILINE 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	
	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	
e e	numbering) of the active substance)	
3.6	Quality Control Testing	
	3.6.1. Physical / Chemical testing	

	ufacturing Operations - Active Substances AMINE HYDROCHLORIDE ANHYDROUS	
3.1	Manufacture of Active Substance by Chemical Synthesis	
	3.1.2. Manufacture of crude active substance	
	3.1.3. Salt formation / Purification steps:	

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Ĭ	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	
TAZARO	IENE	
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, sieving, micronisation	
	3.5.2. Primary Packaging (enclosing / sealing the active substance within a	
42	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	
1	material which could be used for identification or traceability (lot	
)	numbering) of the active substance)	
3.6	Quality Control Testing	
is a second	3.6.1. Physical / Chemical testing	

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3 - Manufacturing Operations - Active Substances
TRETINOIN

3.1	Manufacture of Active Substance by Chemical Synthesis
	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, sieving, 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 TRIHEXYPHENIDYL HYDROCHLORIDE

3.1	Manufacture of Active Substance by Chemical Synthesis
	3.1.1. Manufacture of active substance intermediates
	3.1.3. Salt formation / Purification steps:
	salt formation
3.5	General Finishing Steps
	3.5.1. Physical processing steps drying,milling
	 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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	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 /ALACICLOVIR HYDROCHLORIDE	
3.1	Manufacture of Active Substance by Chemical Synthesis	
	3.1.1. Manufacture of active substance intermediates	
8	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	
	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	

Restrictions or clarifying remarks:

Manufactured APIs marked as confidential are for clinical use only. 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 2017/06/23. It will still be AIFA's right to re-evaluate the validity of the GMP certificate based on risk profile changes.

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Rome, 2018/04/03

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

neniso Della

Dott.ssa Marisa Delbò

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