

Certificate No: MT/025HM/2019

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 Medicines Authority of Malta confirms the following:

The manufacturer: Amino Chemicals Ltd.

Site address: MRA 050X Industrial Estate, Marsa MRS 3000, Malta

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:

Medicines Act 2003 Part III Title II Articles 42 and 102

From the knowledge gained during inspection of this manufacturer, the latest of which was conducted on $6^{th} - 8^{th}$ May 2019, 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.

This certificate is valid only when presented with all pages and both Parts 1 and 2.

The authenticity of this certificate may be verified in EudraGMDP. If it does not appear, please contact

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2 SEP 2019

the issuing authority.

12th June 2019

Dr. Mark Cilia

Director Inspectorate and Enforcement Directorate

Medicines Authority Tel: 00356 234 39 119 Fax: 00356 234 39 161

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FC/S HMA





Apostille Certificate Convention de La Haye du 5 octobre 1961

- Country: Malta
 This public document
- 2. has been signed by: Clinton J. Bellizzi
- 3. acting in the capacity of: Notary Public and Commissioner for Oaths
- 4. bears the seal / stamp of: Same

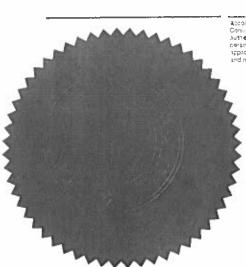
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- 5. at Ministry for Foreign Affairs and Trade Promotion. Valletta
- 6. the 18 SEP 2019
- 7. by Kenneth Burnell Legalisation Officer
- 8. No: 381607
- 9. Seal / Stamp

10. Signature

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Part 2

3. MANUFACTURING OPERATIONS – ACTIVE SUBSTANCES

Active Substance(s): APIXABAN

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, 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

Active Substance(s): ARMODAFINIL (R-MODAFINIL)

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

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3.5 General Finishing Steps

3.5.1 Physical processing steps; 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

12th June 2019

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Active Substance(s): **BENAZEPRIL 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: 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

Active Substance(s): **BOSENTAN MONOHYDRATE**

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

1 2 SEP 2019

3.5 **General Finishing Steps**

- 3.5.1 Physical processing steps: 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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3.6.1 Physical/Chemical testing

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Active Substance(s): CINACALCET 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: 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

Active Substance(s): CIPROHEPTADINE OROTATE

3.1 Manufacture of Active Substance by Chemical Synthesis OF THE ORIGINAL OUOD ATTESTOR

- 3.1.2 Manufacture of crude active substance
- 3.1.3 Salt formation/Purification steps: crystallisation

1 2 SEP 2019

3.5 **General Finishing Steps**

- 3.5.1 Physical processing steps: 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

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Active Substance(s): **DEFERASIROX**

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

Active Substance(s): **DEXLANSOPRAZOLE AMORPHOUS**

3.1 Manufacture of Active Substance by Chemical Synthesis

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1 2 SEP 2019

- 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: 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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Active Substance(s): **DEXLANSOPRAZOLE ANHYDROUS**

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: 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

Active Substance(s): **DEXLANSOPRAZOLE SESQUIHYDRATE**

3.1 Manufacture of Active Substance by Chemical Synthesis

OF THE ORIGINAL QUOD ATTESTOR

1 2 SEP 2019

- 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 numbering) of the active substance)

3.6 Quality Control Testing

3.6.1 Physical/Chemical testing

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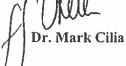






Active Substance(s): **DEXTROPROPOXYPHENE HYDROCHLORIDE** 3.1 Manufacture of Active Substance by Chemical Synthesis 3.1.2 Manufacture of crude active substance 3.1.3 Salt formation/Purification steps: crystallisation 3.5 **General Finishing Steps** 3.5.1 Physical processing steps: drying, milling 3.5.2 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 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 TRUE COPY OF THE ORIGINAL Active Substance(s): **DICLOFENAC EPOLAMINE** *QUOD ATTESTOR* 3.1 Manufacture of Active Substance by Chemical Synthesis 1 2 SEP 2019 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 numbering) of the active substance) 3.6 **Quality Control Testing** 3.6.1 Physical/Chemical testing

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Active Substance(s): EMPAGLIFLOZIN

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
- 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

Active Substance(s): FESOTERODINE FUMARATE

TRUE COPY
OF THE ORIGINAL
QUOD ATTESTOR

1 2 SEP 2019

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: micronisation, 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

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Active Substance(s): FEXOFENADINE 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, 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 Active Substance(s): FOSINOPRIL SODIUM OF THE ORIGINAL OUOD ATTESTOR 3.1 Manufacture of Active Substance by Chemical Synthesis 1 2 SEP 201 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 12th June 2019

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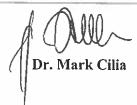


Active Substance(s): GRANISETRON HYDROCHLORIDE 3.1 Manufacture of Active Substance by Chemical Synthesis 3.1.2 Manufacture of crude active substance 3.1.3 Salt formation/Purification steps: crystallisation 3.5 **General Finishing Steps** 3.5.1 Physical processing steps: drying 3.5.2 Primary Packaging (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 3.6.1 Physical/Chemical testing OF THE ORIGINAL Active Substance(s): MIGLUSTAT $OUOD_ATTESTOR$ 3.1 Manufacture of Active Substance by Chemical Synthesis 1 2 SEP 2019 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

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3.6.1 Physical/Chemical testing

Quality Control Testing

material which is in direct contact with the substance)

for identification or traceability (lot numbering) of the active 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







Active Substance(s): NITISINONE

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 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

Active Substance(s): **PALIPERIDONE**

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3.1 Manufacture of Active Substance by Chemical Synthesis

1 2 SEP 2019

- 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: micronisation, 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

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Sir Temi Żammit Buildings, Malta Life Sciences Park, San Gwann SGN 3000

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Active Substance(s): PRAMIPEXOLE BASE

3.1 Manufacture of Active Substance by Chemical Synthesis

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

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Active Substance(s): PRAMIPEXOLE DIHYDROCHLORIDE MONOHYDRATEOD

3.1 Manufacture of Active Substance by Chemical Synthesis

1 2 SEP 2019

- 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, 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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Active Substance(s): RABEPRAZOLE SODIUM

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
- 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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Active Substance(s): RABEPRAZOLE SODIUM (from hydroxy intermediate)

1 2 SEP 2019

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

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Active Substance(s): RASAGILINE MESYLATE

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: 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

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Active Substance(s): RASAGILINE TARTARATE

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

3.1.1 Manufacture of active substance intermediates

3.5 General Finishing Steps

- 3.5.1 Physical processing steps: 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

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Active Substance(s): RIVAROXABAN

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, 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
- 3.6.2 Microbiological testing (excluding sterility testing)

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Active Substance(s): **RUFINAMIDE**

1 2 SEP 2019

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: 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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Active Substance(s): SAPROPTERINE DIHYDROCHLORIDE

- 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: 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

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Active Substance(s): SITAGLIPTIN HYDROCHLORIDE MONOHYDRATE 12 SEP 2

- 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, 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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Active Substance(s): SITAGLIPTIN SULPHATE

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, 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

TRUE COPY OF THE ORIGINAL QUOD ATTESTOR

Active Substance(s): SITAGLIPTIN TARTARATE HEMIHYDRATE

- 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
- 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)

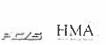
3.6 Quality Control Testing

- 3.6.1 Physical/Chemical testing
- 3.6.2 Microbiological testing (excluding sterility testing)

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Active Substance(s): TELMISARTAN Manufacture of Active Substance by Chemical Synthesis 3.1 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 numbering) of the active substance) 3.6 **Quality Control Testing** 3.6.1 Physical/Chemical testing TRUE COPY OF THE ORIGINAL Active Substance(s): **TERBINAFINE 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, 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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FE/S HMA





Active Substance(s): **TOLTERODINE 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, 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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Active Substance(s): VORTIOXETINE HYDROBROMIDE MONOHYDRATE

1 2 SEP 2019

- 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
- 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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Active Substance(s): ZIPRASIDONE HYDROCHLORIDE ANHYDROUS

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: 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

TRUE COP OF THE ORIGINA <u>OUOD ATTESTO</u>

Active Substance(s): ZIPRASIDONE HYDROCHLORIDE MONOHYDRATE

3.1 Manufacture of Active Substance by Chemical Synthesis

1 2 SEP 2019

- 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: milling, 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

12th June 2019

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