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Т

| Suggested Formula | Lidocaine Hydrochloride 5% Mucoadhesive Oral Gel (Suspension, 100 g) | FIN | F 008 448 |
|----------------------|--|-----|-----------|
|----------------------|--|-----|-----------|

SUGGESTED FORMULATION

| Ingredient Listing | Qty. | Unit | NDC # | Supplier | Lot Number | Expiry Date |
|--|------|------|-------|----------|---------------|----------------|
| Lidocaine Hydrochloride, USP | TBD | | | | | |
| Mineral Oil (Light), NF | 5.0 | mL | | | | |
| Medisca NovaFilm [™] Gel Base | 30.0 | mL | | | | |
| Medisca NovaFilm [™] Gel Base | TBD | | | | | |

REP WORK

| | N | | MEDISCA [®] NETWORK INC. TECHNICAL SUPPORT SERVICES FORMULATION CHEMISTRY DEPARTMENT TOLL-FREE: 866-333-7811 TELEPHONE: 514-905-5096 FAX: 514-905-5097 <u>technicalservices@medisca.net</u> | | 3/31/2020; Page 2 |
|----|----------------------|---|--|--|--|
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| SP | | | DERATIONS | | |
| | | Specific Information | DERAHONO | | |
| | Light S | e nsitive (protect from li | ght whenever possible): Mineral Oil, NovaFilm™ Gel Ba | se | |
| | Narrow | [,] Therapeutic Index | Lidocaine Hydrochloride | | |
| | Suggested | Preparatory Guidelines | | | |
| | | Non-Sterile Preparat | ion Sterile Preparation | | |
| | | rocessing Error / esting Considerations: | To account for processing error considerations during prepar measure an additional 5 to 9% of the required quantities of ing | | |
| | <u>S</u> | pecial Instruction: | This formula may contain one or more Active Pharmaceutical I may be classified as hazardous, please refer & verify the currer Antineoplastic and Other Hazardous Drugs in Healthcare Settin General Chapter <800> Hazardous Drugs – Handling in He informational and not compendially applicable unless otherwise and enforcement bodies. For information on the scope, intended implementation context for USP General Chapter <800>, see: <u>https://www.usp.org/usp-800-context-for-implementation-</u> | nt NIOS ngs. At ealthca e speci d applie | SH list of this time, are Settings is fied by regulators |
| | | | This formula must be prepared within the appropriate facilities environmental conditions, following the necessary guidelines a within USP 795 and USP 800, when handling hazardous drugs qualified personnel must prepare this formula. | nd pro | cedures as stated |
| | | | All required personal protective equipment (hazardous if applic limited to, lab coat, protective sleeves, gloves both inner and or dedicated shoe covers, hairnet, beard cover, eyewear, appropria and face shield, etc., where applicable must be worn at all time | uter if a ate face | applicable, |
| | | | If applicable, follow all required procedures for hazardous drug not limited to procurement, transport, storage, preparation, disp clean up (spills) & disposal. | | |
| | | | If you are a registered 503B facility, please refer to all relevant including but not limited to the Code of Federal Regulations (C Industry (GFIs) and Compliance Policy Guides (CPGs). | - | |
| | | | Lidocaine Hydrochloride has a Narrow Therapeutic Index. | | |
| | | | This procedure requires the use of very small quantities of ingr and preparation techniques must be verified before dispensing | | |



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SUGGESTED PREPARATION (for 100 g)

Weigh and / or measure the following ingredients when appropriate:

| Ingredient Listing | Qty. | Unit | Multiplication factor ^(*) : | Processing Error | Qty. to measure |
|--|------|------|--|---------------------|--------------------|
| Lidocaine Hydrochloride, USP | TBD | | | | |
| Mineral Oil (Light), NF § | 5.0 | mL | | | |
| Medisca NovaFilm [™] Gel Base § | 30.0 | mL | | | |
| Medisca NovaFilm [™] Gel Base § | TBD | | 5 | | |

* Takes into account increased batch size conversions and density conversions, if required.

§ Weigh / measure just prior to use.

Preparatory Instruction

1. Ingredient quantification:

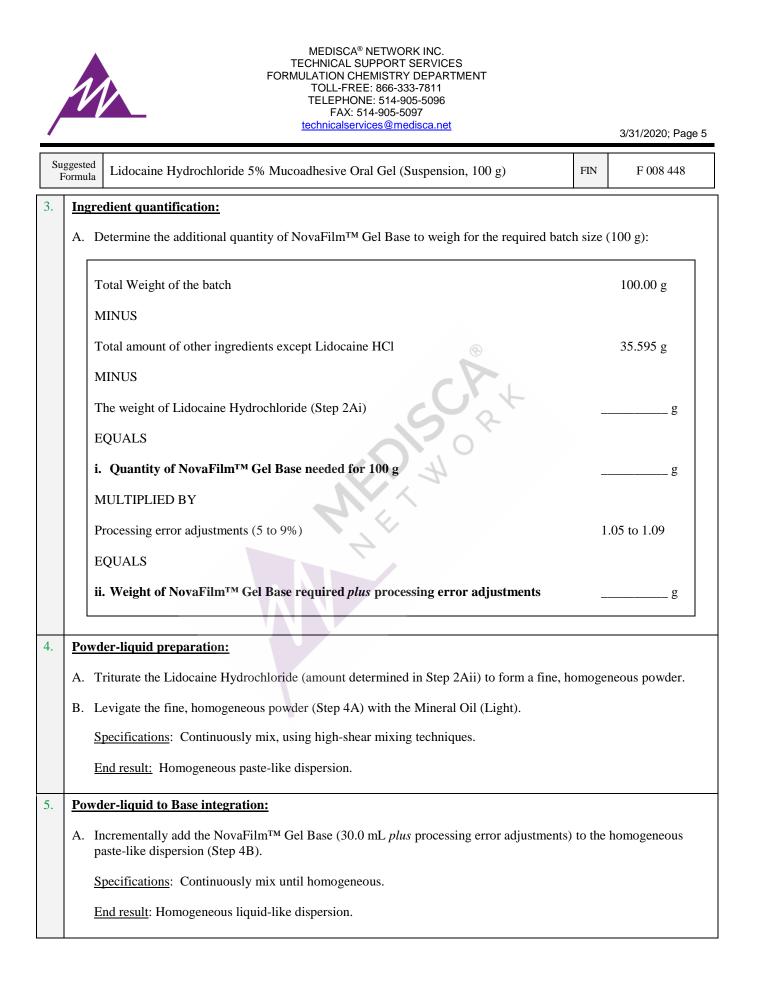
A. Determine the potency of Lidocaine Hydrochloride based on the certificate of analysis:

| | 100% |
|--|------|
| MINUS | |
| Water Content (from certificate of analysis) | ç |
| DIVIDED BY | 100 |
| EQUALS | |
| Quantity of water free Lidocaine Hydrochloride, in decimal | |
| MULTIPLIED BY | |
| Assay on anhydrous basis result (from certificate of analysis) | ç |
| DIVIDED BY | 100 |
| EQUALS | |
| i. Potency of Lidocaine Hydrochloride, in decimal | |



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| 2. Ingre | dient quantification: | | |
| | etermine the quantity (in g) of Lidocaine Hydrochloride required to make a Lidocaine H Iucoadhesive Oral Gel, batch size (100 g): | ydrocl | nloride 5% |
| C | uantity of Lidocaine Hydrochloride required for 100 g | | 5.000 g |
| Г | IVIDED BY | | |
| P | otency of Lidocaine Hydrochloride, in decimal (Step 1Ai) | _ | |
| E | QUALS | | |
| i. | Quantity of Lidocaine Hydrochloride needed for 100 g | _ | g |
| N | IULTIPLIED BY | | |
| P | rocessing error adjustments (5 to 9%) | 1 | .05 to 1.09 |
| E | QUALS | | |
| ii | . Quantity of Lidocaine Hydrochloride needed <i>plus</i> processing error adjustments | _ | g |
| | | | |





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| 6. | Filling to Batch Size: | | avid like dispersion |
| | A. Add additional NovaFilm [™] Gel Base (amount determined in Step 3Aii) to the homog (Step 5A) to fill to the required batch size (100.00 g <i>plus</i> processing error adjustments) | | quid-like dispersion |
| <u>Specifications</u> : Continuously mix, using high-shear mixing techniques. <u>End result</u> : Homogeneous gel-like dispersion. | | | |
| | | | |
| 7. | Product transfer: | | |
| | Transfer the final product into the specified dispensing container (see "Packaging Require | nents"). | |

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SUGGESTED PRESENTATION

| Est Beyond-Us | ima se D | | 30 days, as per USP | Packa Requirem | | Tightly closed, light-resistant ointment tube/jar with oral applicator. |
|---|---|---|---|---|--|--|
| | | 1 | Use as directed. Do not exceed dose. | l prescribed | 6 | May impair mental and/or physical ability. Use care when operating a car or machinery. |
| | | 2 | Keep out of reach of children. | | 7 | Cap tightly after use. |
| Auxilia Label | • | 3 | Consult your health care practit other prescription or over medications are currently being prescribed for future use. | cription or over-the-counter are currently being used or are | | Do not take with alcohol, sleep aids, tranquilizers or other CNS depressants. |
| | | 4 | Keep at controlled room temper -25° C). | cature (20°C | 9 | For oral (local) use only. Do not swallow. |
| | 5 Protect from light. 10 Keep in a dry place. | | Keep in a dry place. | | | |
| Pharmacist Instructions Add any auxiliary labels specific to the API to the dispensing container as deemed necessary. Pharmacist Instructions IMPORTANT: - Small batch is prepared due to inherent potential of systemic toxicity. - Limits as to the total amount of product used should be established by a physician. - You should not apply this product to open wounds, areas of skin that are damaged or blistered, deep wounds, or large areas. - Continued application of this product might produce systemic side effects. Advise patient accordingly. | | | | | ent potential of systemic toxicity. Lact used should be established by a physician. Open wounds, areas of skin that are damaged or s. | |
| | Patient Contact your pharmacist in the event of adverse reactions. Instructions IMPORTANT: - Do not cover the site of application. - The quantity of active ingredient administered is directly dependent on the quantity of product applied. | | | | | |



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