

**PHYTOPHARMACEUTICAL** (API Derived from Plant Sources)

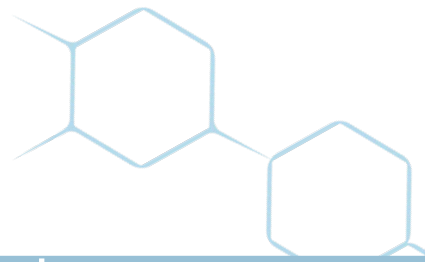
| CAS #      | Name of the Product  | Pharmacopoeia | DMF/CEP Availability | Therapeutic Use                 | GMP Certification |
|------------|--|---------------|----------------------|---------------------------------|-------------------|
| 149-64-4   | Hyoscine Butylbromide/<br>Scopolamine<br>Butylbromide            | BP / Ph. Eur  | CEP & DMF            | Antispasmodic                   | EU, WHO, WC       |
| 51598-60-8 | Cimetropium Bromide  | In-House      | DMF                  | Antispasmodic                   | KMFDS, WHO        |
| 6533-68-2  | Hyoscine Hydrobromide/<br>Scopolamine<br>Hydrobromide Trihydrate | Ph. Eur / USP | CEP & DMF            | Antispasmodic                   | WHO               |
| 155-41-9   | Methscopolamine<br>Bromide/ Hyoscine<br>Methylbromide            | USP           | DMF                  | Antispasmodic                   | WHO               |
| 51-34-3    | Hyoscine Ph. Eur   | Ph. Eur       | CEP & DMF            | Antispasmodic                   | WHO               |
| 6106-46-3  | Scopolamine Methyl<br>Nitrate                                    | In-House      | N/A                  | Treatment of<br>Motion Sickness | Site - GMP        |

**BOTANICAL EXTRACTS** (as API)

| CAS #        | Name of the Product                        | Pharmacopoeia | DMF/CEP Availability | Therapeutic Use                                      | GMP Certification |
|--------------|--|---------------|----------------------|--|-------------------|
| 1175005-95-4 | Pelargonium Sidoides<br>Extract (Liquid)   | In-House      | DMF                  | Treatment of upper<br>respiratory tract<br>infection | KFDA              |
| 1175005-95-4 | Pelargonium Sidoides<br>Powdered Extract   | In-House      | DMF                  | Treatment of upper<br>respiratory tract<br>infection | KFDA, WHO         |
| 84082-54-2   | Ivy Leaf Dried Extract                     | In-House      | DMF                  | Anti-Bronchitis                                      | Site - GMP        |
| 8012-96-2    | Ipecacuanha Liquid<br>Extract Standardized | Ph. Eur       | DMF                  | Emetic   | WHO               |

**SYNTHETIC APIs**

| CAS #       | Name of the Product  | Pharmacopoeia           | DMF/CEP Availability | Therapeutic Use   | GMP Certification |
|-------------|--|-------------------------|----------------------|---|-------------------|
| 411207-31-3 | Tiotropium Bromide<br>Monohydrate                              | Ph. Eur / IP            | DMF                  | Anti-Asthmatic  | WHO               |
| 5987-82-6   | Oxybuprocaine<br>Hydrochloride/<br>Benoxinate<br>Hydrochloride | Ph. Eur / USP           | DMF                  | Topical Ocular<br>Anaesthetic                           | WHO               |
| 51186-83-5  | Glycopyrronium<br>Bromide/<br>Glycopyrrolate                   | Ph. Eur / USP           | DMF                  | Treatment of<br>Hyperhidrosis, Severe<br>Drooling, COPD | Site - GMP        |
| 183814-30-4 | Formoterol Fumarate<br>Dihydrate                               | USP / Ph. Eur           | Under<br>Preparation | Chronic Obstructive<br>Pulmonary Disease<br>(COPD)      | Site - GMP        |
| 320345-99-1 | Acclidinium Bromide  | In-House / USP<br>Draft | N/A                  | Chronic Obstructive<br>Pulmonary Disease<br>(COPD)      | Site - GMP        |



## INTERMEDIATES

| CAS #       | Name of the Product                  | Pharmacopoeia | Therapeutic Use                                |
|-------------|--------------------------------------|---------------|--|
| 85700-55-6  | Scopine Hydrochloride                | In-House      | Intermediates for Tiotropium Bromide           |
| 26447-85-8  | Methyl Di (2- Thienyl) Glycolate     | In-House      | Intermediates for Tiotropium Bromide           |
| 136310-64-0 | Scopine Di (2-Thienyl) Glycolate     | In-House      | Intermediates for Tiotropium Bromide           |
| 43229-70-5  | N,O Dibenzylated Formoterol Fumarate | In-House      | Intermediate for Formoterol Fumarate Dihydrate |

## APIs Under Development

| CAS #       | Name of the Product   | Pharmacopoeia | Therapeutic Use  |
|-------------|-----------------------|---------------|--|
| 869113-09-7 | Umeclidinium Bromide  | In-House      | Chronic obstructive pulmonary disease (COPD)                                       |
| 91714-93-1  | Bromfenac Sodium      | Ph. Eur / USP | Post Operative Pain and Inflammation of the Eye                                    |
| 136310-64-0 | Brimonidine Tartarate | Ph. Eur / USP | Lower Intraocular Pressure (IOP) to Reduce the Risk of Progression and Vision Loss |
| 70359-46-5  | Vincamine             | -             | Primary Degenerative and Vascular Dementia   |

## Intermediates Under Development

| CAS #      | Name of the Product     | Pharmacopoeia | Therapeutic Use                         |
|------------|-------------------------|---------------|---|
| 13220-33-2 | 1-Methyl-3-Pyrrolidinol | In-House      | Intermediate for Glycopyrronium Bromide |

## Herbal Extracts Under Development (Standardized Botanical Extracts)

| CAS #      | Name of the Product       | Pharmacopoeia | Therapeutic Use  |
|------------|---------------------------|---------------|--|
| 8016-49-7  | Pumpkin Seed Oily Extract | In-House      | Reduced Symptoms of Overactive Bladder   |
| 84082-60-0 | Chamomille Liquid Extract | Ph. Eur       | Mild Sedative to Calm Nerves and Reduce Anxiety  |
| 84775-95-1 | Rhatany Root Extract      | Ph. Eur       | Intestinal Swelling (Enteritis), Chest Pain (Angina), and for Mild Mouth and Throat Irritation |
| 84929-26-0 | Myrrhae Resin Extract     | Ph. Eur       | Inflammatory Diseases  |