





<b>Name of Sponsor / Company:</b> A•dæZ^}^&æ  <b>Name of Finished Product:</b> N.A.  <b>Name of Active Ingredients:</b> Acclidinium bromide	<b>Individual Study Table Referring to Part of the Dossier</b>  <b>Volume:</b>  <b>Page:</b>	<b>(For National Authority Use only)</b>
<b>Reference therapy, dose and mode of administration, batch number, expiry date:</b> Name: Formoterol Administration route: Oral inhalation using the Aerolizer® dry powder inhaler (Foradil® [formoterol] via Aerolizer®) Dosage form: Capsules for inhalation Dose and regimen: 1 capsule (formoterol 12 µg) in the morning (09:00 ± 30 minutes) and 1 capsule in the evening (21:00 ± 30 minutes) Batch number: 00002138-L21 Expiry date: July 2011  Name: Placebo to acclidinium bromide Administration route: Oral inhalation using the Genuair® multi-dose dry powder inhaler Dosage form: Inhalation powder Dose and regimen: 1 puff of placebo in the morning (09:00 ± 30 minutes) and 1 puff of placebo in the evening (21:00 ± 30 minutes) Batch number: DP-I031-L17 Expiry date: May 2011  Name: Placebo to formoterol Administration route: Oral inhalation using the Aerolizer® dry powder inhaler (Foradil® [formoterol] via Aerolizer®) Dosage form: Capsules for inhalation Dose and regimen: 1 capsule of placebo in the morning (09:00 ± 30 minutes) and 1 capsule of placebo in the evening (21:00 ± 30 minutes) Batch number: 093F0170-L22 Expiry date: July 2011		
<b>Criteria for evaluation:</b>  <b>Efficacy:</b> <u>Primary efficacy variable:</u> <ul style="list-style-type: none"> <li>• Change from baseline in normalised FEV<sub>1</sub> area under the curve (AUC) over the 12 hour (h) period immediately after morning investigational medicinal product (IMP) administration, (AUC<sub>0-12</sub>) at Day 7 on treatment.</li> </ul> <u>Secondary efficacy variables:</u> <ul style="list-style-type: none"> <li>• Change from baseline in normalised FEV<sub>1</sub> AUC<sub>12-24</sub> and AUC<sub>0-24</sub> at Day 7 on treatment.</li> <li>• Change from baseline in morning pre-dose (trough) FEV<sub>1</sub> at Day 7 on treatment.</li> </ul> <u>Additional efficacy variables:</u> <ul style="list-style-type: none"> <li>• Change from baseline in normalised FVC AUC<sub>0-12</sub>, AUC<sub>12-24</sub> and AUC<sub>0-24</sub> at Day 7 on treatment.</li> <li>• Change from baseline in normalised FEV<sub>1</sub> and FVC AUC over the 6 h period immediately after morning IMP administration (AUC<sub>0-6</sub>) at Days 1 and 7 on treatment.</li> <li>• Change from baseline in morning pre-dose (trough) FVC at Day 7 on treatment.</li> <li>• Absolute values of morning pre-dose (trough) FEV<sub>1</sub> and FVC at Day 7.</li> <li>• Change from baseline in the morning and evening peak FEV<sub>1</sub> and FVC at Day 7 on treatment.</li> <li>• Change from baseline in the morning peak FEV<sub>1</sub> and FVC at Day 1 on treatment.</li> <li>• Time to morning peak FEV<sub>1</sub> at Days 1 and 7.</li> </ul>		

<p><b>Name of Sponsor / Company:</b> Almirall, S.A</p> <p><b>Name of Finished Product:</b> N.A.</p> <p><b>Name of Active Ingredients:</b> Aclidinium bromide</p>	<p><b>Individual Study Table Referring to Part of the Dossier</b></p> <p><b>Volume:</b></p> <p><b>Page:</b></p>	<p><b>(For National Authority Use only)</b></p>
<ul style="list-style-type: none"> <li>• Time to evening peak FEV<sub>1</sub> at Day 7.</li> <li>• Change from baseline in FEV<sub>1</sub> and FVC at each specific time-point at Day 1 and Day 7 on treatment.</li> <li>• Absolute values of FEV<sub>1</sub> and FVC by day and time-point.</li> <li>• Number (and percentage) of patients using relief medication after 7 days of treatment.</li> <li>• Change from baseline in the use of relief medication (number of puffs) after 7 days on treatment.</li> </ul>		
<p><b>Safety:</b> Adverse events (AEs), serious adverse events (SAEs), blood pressure (BP), 12-lead ECG parameters, clinical laboratory parameter (haematology, biochemistry, urinalysis, and pregnancy tests).</p>		
<p><b>Other variables:</b> Exposure to study drug, prior and concomitant medication, number of withdrawals and reason for withdrawal, convenience of device.</p>		
<p><b>Statistical methods:</b> The analysis of all the efficacy variables was performed on the ITT population. In addition, the primary efficacy variable was also analysed using the PP population to assess the robustness of the findings from the ITT Population. All demographic and baseline characteristics, safety outcomes and other variables were analysed using the Safety population. All statistical comparisons were two-sided hypothesis tests, and the significance level was set at 0.05. The primary, secondary and additional efficacy variables except for “Time to peak FEV<sub>1</sub>” and “Number (and percentage) of patients using relief medication after 7 days of treatment” were analysed by means of an analysis of covariance (ANCOVA) for cross-over designs with sequence, treatment and period as fixed effect factors, subject within sequence as random effect, and baseline value at each period as covariate. “Time to peak FEV<sub>1</sub>” and “Number (and percentage) of patients using relief medication after 7 days of treatment” were analysed descriptively. Safety and tolerability outcomes, convenience of device assessment and other variables were summarised by means of descriptive statistics.</p>		
<p><b>SUMMARY – CONCLUSIONS</b></p> <p><b>Efficacy Results:</b></p> <ul style="list-style-type: none"> <li>• Administration of acclidinium bromide BID induced statistically significant improvements in pulmonary lung function compared to placebo which was evident from post-morning administration on Day 1, was sustained over time and maintained until the end of the treatment period at Day 7.</li> <li>• At the end of 7 days on treatment all acclidinium bromide BID doses (100 µg, 200 µg and 400 µg) provided a dose-dependent and statistically significant bronchodilation 12 h after morning and evening administration (p&lt;0.0001) with acclidinium bromide 400 µg BID showing statistically significantly greater improvements compared to acclidinium bromide 100 µg BID for all values.</li> <li>• The magnitude of the improvement in FEV<sub>1</sub> provided by acclidinium bromide 400 µg BID during the first 12 h was comparable to formoterol 12 µg BID, although significantly lower after the evening administration (0.056, p=0.0065).</li> </ul>		





<p><b>Name of Sponsor / Company:</b> AstraZeneca</p> <p><b>Name of Finished Product:</b> N.A.</p> <p><b>Name of Active Ingredients:</b> Aclidinium bromide</p>	<p><b>Individual Study Table Referring to Part of the Dossier</b></p> <p><b>Volume:</b></p> <p><b>Page:</b></p>	<p><b>(For National Authority Use only)</b></p>
<p>acridinium bromide 100 µg BID experienced 3 drug-related TEAEs (bundle branch block right, headache and cough). Two patients (2.7%) receiving acridinium bromide 200 µg BID experienced 2 drug-related TEAEs (electrocardiogram t wave abnormal and throat irritation). No drug-related TEAEs were reported in patients receiving acridinium bromide 400 µg BID. One patient (1.4%) receiving formoterol BID experienced 2 drug-related TEAEs (dry mouth and nasal dryness).</p> <ul style="list-style-type: none"> <li>• There were no clinically relevant abnormalities in any ECG or laboratory safety parameter.</li> </ul> <p><b>CONCLUSIONS:</b></p> <p>#</p> <p>#</p> <p>#</p> <p><b>DATE OF REPORT:</b> Final, 31 January 2011.</p>		