NEW InhaLac® 160: MEGGLE extends inhalative lactose grade portfolio

With InhaLac® 160 MEGGLE expands the product line of sieved lactose grades for dry powder inhalation.

InhaLac® 160 is characterized by a median particle size of approximately 110 µm which ranges between the coarser lactose InhaLac® 120 and the finer lactose InhaLac® 230. This excipient exhibits a narrowly distributed particle size with a fines content (particles below 15 µm) of 3%.

Benefits
- Dedicated production process
- Highly controlled powder characteristics
- Highest microbial quality including low endotoxins
- Retests after 24 months

Application
InhaLac® 160 as a sieved lactose is suitable for use in pulmonary and nasal drug delivery.

Résumé
- Middle sized sieved lactose
- MEGGLE’s extension of the InhaLac® product family – closing the gap of coarse sieved lactose grades for dry powder inhalation

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About MEGGLE:
MEGLE AG, with its headquarters in the Bavarian city of Wasserburg (Germany), serves as a holding company for various business activities in the dairy industry and whey processing. MEGGLE has a proud history of more than 125 years in the dairy market.

The business group Excipients & Technology produces pharmaceutical excipients for direct compression, granulation, capsules, sachets, powder blends and dry powder inhalers. With its broad product portfolio, intelligent innovations and exceptional product quality, MEGGLE took a leading role in the global business of pharmaceutical excipients.

For more information please visit www.meggle-pharma.com

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Image (highres image attached, file name: Meggle_Diagram_SpecLimits_InhaLac160_CMYK.jpg)

### Specification limits

**InhaLac® sieved dry powder inhaler lactose grades**

<table>
<thead>
<tr>
<th>Specification limits</th>
<th>Particle size (µm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>x₉⁰ max</td>
<td>130</td>
</tr>
<tr>
<td>x₉⁰ min</td>
<td>90</td>
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<tr>
<td>x₅₀ max</td>
<td>110</td>
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<tr>
<td>x₅₀ min</td>
<td>70</td>
</tr>
<tr>
<td>x₁₀ max</td>
<td>100</td>
</tr>
<tr>
<td>x₁₀ min</td>
<td>60</td>
</tr>
</tbody>
</table>

*Image caption: Specification limits of MEGGLE’s sieved dry powder inhaler lactose grades InhaLac® 70, InhaLac® 120, InhaLac® 160, InhaLac® 230 and InhaLac® 251.*