Prolongation of Shelf life of NK MACS GMP Basal Medium and Supplement

<table>
<thead>
<tr>
<th>Product</th>
<th>Material No.</th>
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</thead>
<tbody>
<tr>
<td>NK MACS GMP Basal Medium, 2000mL bag</td>
<td>170-076-354</td>
</tr>
<tr>
<td>NK MACS GMP Supplement, 5mL vial</td>
<td>170-076-355</td>
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</tbody>
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Category of change: Prolongation of Shelf life

Current State: Above mentioned NK MACS GMP Basal Medium has a shelf life of 12 months at 2-8°C. Above mentioned NK MACS GMP Supplement has a shelf life of 18 months -20°C.

Planned change: The Shelf life of the NK MACS GMP Basal Medium will be extended to 36 months at 2-8°C. The Shelf life of the NK MACS GMP Supplement will be extended to 36 months at -20°C.

Justification/Evaluation: Based upon actual data provided by ongoing real time stability studies which support a prolonged shelf life, the use-by date can be adapted accordingly.

There is no change of raw material or manufacturing process. Therefore no impact on the performance, quality and safety of the affected product could be identified.

Estimated Implementation: Q3/2021 for NK MACS GMP Supplement
Q1/2022 for NK MACS GMP Basal Medium

Please share, if applicable, this information with relevant staff in your organization. If there are any further questions, do not hesitate to contact us.

Manager QA Audit/Customer/Supplier
Miltenyi Biotec B.V. & Co.KG