



## Certificate of Analysis

CoA No.: 02181

**Product Description:** **Juniperi fructus - A3C0 MK**  
**Juniper berries - A3C0**

**Botanical Name:** ***Juniperus communis***

### Product Information

<b>Article Number:</b>	14519	<b>Lot Number:</b>	M-0019778
<b>Release Date:</b>	19.12.23	<b>Best Before:</b>	19.12.27
<b>Plant Part:</b>	berries	<b>Country of Origin:</b>	Macedonia
<b>Storage Conditions:</b>	< 65 % rH; < 25°C		

### Organoleptic Parameters

Parameter (Unit)	Specification	Result	Method
Identity	conform	conform	MPR_AA-25 <sup>a</sup>
Texture	whole	whole	MPR_AA-26 <sup>a</sup>
Color	dark violett	dark violett	MPR_AA-26 <sup>a</sup>
Odor	characteristic	characteristic	MPR_AA-26 <sup>a</sup>
Foreign matter (%)	< 2	conform	MPR_AA-26 <sup>a</sup>

### Physical Parameters

Parameter (Unit)	Specification	Result	Method
Ash (%)	< 10	2,0	Ph. Eur. 2.4.16 <sup>a</sup>
Loss on drying (%)	< 12	11,4	Ph. Eur. 2.2.32 <sup>a</sup>



## Microbiological Parameters

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Parameter (Unit)	Specification	Result	Method
Salmonella	Absent per 125 g	absent	ASU L 00.00-20 <sup>b</sup>

## Contents

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Parameter (Unit)	Specification	Result	Method
Volatile Oil (%)	> 1.8	2.2	Ph. Eur.

### Disclaimer

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At the instigation of Müggenburg Quality Control, an independent recognized laboratory or Müggenburg Quality Control determined the content of this Certificate of Analysis. This document is not a guarantee for the quality and cleanness of the product and does not free the recipient of the actual delivery from a conscientious analysis that complies with the legal requirements for the intended use.

<sup>a</sup> In house analyses are performed analogous to Ph. Eur. monographs or to the specifications of the International Standard Organization (ISO).

<sup>b</sup> Complex instrumental analyses (e.g. GC-MS/-MS, LC-MS/-MS, HPLC, etc.) are outsourced to accredited laboratories.

Samples were collected by the rules of GMP (2003/94/EG).

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Bad Bramstedt, 22.02.24