



## Certificate of Analysis

Concerning Product:	
Article number	46510
Hommel-Batch	1003018
Manufacturer-Batch	80770
Trade name / designation / denomination	AMMI VISNAGA PLANT EXTRACT
CAS number	82-02-0
Other names / synonyms	•4,9-dimethoxy-7-methylfurano[3,2-g]chromen-5-one; •Ammi Visnaga Plant Extract; •khellin;
EC number	201-392-8
Customs tariff number / CN code / TARIC	29329900
Molecular weight [g / mol]	260.25
Formula	C <sub>14</sub> H <sub>12</sub> O <sub>5</sub>
<b>Danger</b> 2811, 6.1, III	
Toxic if swallowed. Causes skin irritation. Causes damage to organs . Causes damage to organs through prolonged or repeated exposure. Take any precaution to avoid mixing with combustibles... Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Do no eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Rinse mouth. Dispose of contents/container in accordance with local/regional/(inter)national regulations.	

Parameter	Test Method	Specification	Result	Unit
<b>Organoleptic test</b>				
Colour		off-white to yellowish	complies	
<b>Physical parameter</b>				
Form		crystals or crysalline powder	complies	
Loss on drying	weight %	≤ 0.5	0.41	% m/m
<b>Identity</b>				
Assay	HPLC	97.0 – 103.0	102.3	% rel
Melting Point (identity)	DAC/NRF 2.2.60	A.): 153 – 156	155.0	°C
<b>Impurities</b>				
Insoluble impurities	Coloration	complies	complies	

### Supplemental information:

#### **Shelf life:**

3 years  
Date of analysis: 2018-10-18  
Retest date: 2021-10-18

#### **Regional origin:**

Marocco

#### **Conclusion:**

The product complies to the standard of DAC/NRF 2014.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 24. Jul. 2020

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