

PhytoLab GmbH & Co. KG Dutendorfer Str. 5-7 91487 Vestenbergsgreuth

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Contact:

phyproof® Reference Substances

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Date: 12.11.19

Cust.No: 96888

Certificate of analysis

Report-No.: 93097521-09-002
Batch: 14889
Article: 80471 7-Hydroxyaristolochic acid I

| Test | Unit | Limit | Testresult |
|--|------|-------------------|------------|
| Appearance, SOP 100005 | | powder | Conform |
| Color, SOP 100006 | | light yellow | Conform |
| Solubility, SOP 105001: | | | Conform |
| Water | | sparingly soluble | Conform |
| DMSO | | soluble | Conform |
| Identification (HPLC-HR/MS), SOP 204125 | | Conform | Conform |
| Identification (UV spectrum from HPLC-DAD analysis) according to specification, SOP 204311 | | Conform | Conform |
| Identification (1H-NMR-spectroscopy), (outsourced), SOP 206010 | | Conform | Conform |
| Identification (13C-NMR-spectroscopy), (outsourced), SOP 206020 | | Conform | Conform |
| Peakpurity, (HPLC), SOP 401367 | | Conform | Conform |
| 7-Hydroxyaristolochic acid I (HPLC), method 2 (% AU), SOP 441525 | % | >= 95.00 | 99.11 |

Assessment:

The above mentioned reference substance meets the specification.

The chromatographic purity is checked regularly: the last analysis has been performed in June 2019.

The reference substance cannot be documented with an expiry date. The pack is closed and is recommended to be stored as indicated. The unopened product is guaranteed to fulfill the specifications of this analytical report for a period of 60 months. Once opened we can no longer guarantee the stability of the material.



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Vestenbergsreuth, 12.11.19

Dr. Jan Glaser
Manager Reference Substances

This is a computer print and valid without signature. A signed certificate of analysis can be taken on request.

Example only