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Date: 25.06.19

Cust.No: 96888

Certificate of analysis

Report-No.: ~~82626026~~ 99-002
Batch: 9530
Article: 82249 Delphinidin 3-sambubioside chloride

Test	Unit	Limit	Testresult
Appearance, SOP 100005		powder	Conform
Color, SOP 100006		dark, reddish	Conform
Solubility, SOP 105001: Methanol		soluble	Conform Conform
Identification (UV spectrum from HPLC-DAD analysis) according to specification, SOP 204311		Conform	Conform
Identification (IR-spectroscopy, Ph.Eur. 9.0, 2.2.24)/USP 42 NF 37 <197>), SOP 206000		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
Delphinidin 3-sambubioside chloride (HPLC), method 1 (% AU), SOP 440848	%	>= 95.00	97.80

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, 25.06.19

Dr. Michael Schwarz
Head of Reference Substances

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

Example only