Chemische Werke Hommel GmbH & Co. KG

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Specification

Concerning Product:	
Article number	73314CDS
Trade name / designation / denomination	DS Melatonin P., FOOD/USP
CAS number	73-31-4
Other names / synonyms	•Melatonin; •N-(2-(5-methoxyindol-3-yl)ethyl)acetamide;
EC number	200-797-7
Customs tariff number / CN code / TARIC	29379000

Parameter	Specification	Unit
Organoleptic test		
Appearance	White or Pale Yellow Crystalline Powder	
Physical parameter		
Loss on drying	≤ 0,5	%
Identity		
Assay	(Tested By HPLC) 98,5 – 101,5	%
Identification	positive	
Melting Point (identity)	117 – 120	°C
Impurities		
Residue on ignition	≤ 0,5	%
Impurity	Individual ≤ 0,1	%
Impurity	Total ≤ 1	%

Supplemental information:

Shelf life: 2 years if sealed and properly stored

Note: Allergen free: according to Reg. (EC) 1169/2011

BSE/TSE: Risk Free BSE/TSE

Contaminants: According to Reg. (EC) 1881/2006 and amendments

ETO: ETO free

Food Quality and Safety: According to Reg. (EC) 178/2002

GMO: Not Detectable, GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments

Irradiation: No ionization or other radiation is permitted According to Reg. (EC) 1992/2 and 1993/3 and amendments

Nanomaterials: Absent According to Reg. (EC) 1169/2011

Packaging: According to Reg. (EC) Nr. 10/2011 and 1935/2004

Pesticides: According to Reg. (EC) 396/2005 and amendments

Preservative: Preservative Free Conforms

Residual Solvents: According to Dir. (EC) 2009/32 and amendments

Sterilization Method: High Temperature and Pressure

Titanium dioxide: Absent According to Reg. (EC) 2022/63

Vegan: Vegan

Storage conditions: Store in a well-closed container away from moisture and direct sunlight

Complies with monographie: USP 41

Regional origin: CN

Chemische Werke Hommel GmbH & Co.KG
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Waltrop, 02. Mar. 2023

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