

Coversheet for Certificate of Analysis

Productcode : 5015787
Lot No. : 0724010015
Analysis No. : L72220

CfC Number : 05713749
Articlecode : 5015787624
Sales Name : 25 KG PLASTIC CAN PARSOL EHS
Manufacturing Date : 21-JAN-2024
Best Use Before Date : 20-JAN-2027
Delivery Note No. 1124191377
Destination : Argentina
Customer Ref. No : 4502135749
Customer Article No: 5015787624
Customer Name: DSM NUTRITIONAL PRODUCTS ARGENTINA
S.A., Colectora Este de Autopista
Panamericana km 25

Article desc. CoA
Comment

CERTIFICATE OF ANALYSIS



PARSOL® EHS

Product Code:	5015787	Manufacturing Date:	21-Jan-2024
Analysis Number:	72220	Release Date:	25-Apr-2024
Lot Number:	0724010015	Retest Date:	20-Jan-2027

Test	Test Method	Result	Limits/Specification
Appearance:	Visual	liquid	liquid
Colour:	Visual	colorless to pale-yellow	colorless to pale-yellow
Assay:	Gas chromatography	100.2 %	95.0 - 105.0 %
Identity (IR):	IR spectroscopy	corresponds	corresponds
Identity (GC):	Gas chromatography	corresponds	corresponds
Specific gravity (25°C):	Pycnometric	1.015	1.011 - 1.016
Refractive index (20°C):	Refractometry	1.502	1.500 - 1.503
Acidity (0.1N NaOH):	Titration	0.0 mL/mL	≤ 0.2 mL/mL
UV specific extinction (E 1%, 1 cm at 305 nm in ethanol):	UV/VIS spectroscopy	181	168 - 182
Chromatographic purity:	Gas chromatography		
Each		0.1 %	≤ 0.5 %
Total		0.2 %	≤ 2.0 %
Methanol:	Gas chromatography	corresponds*	≤ 50 ppm
Heavy metals:	ICP-MS		
Lead		corresponds*	≤ 1 ppm
Cadmium		corresponds*	≤ 0.5 ppm
Mercury		corresponds*	≤ 0.1 ppm
Cobalt		corresponds*	≤ 1 ppm
Chrome		corresponds*	≤ 1 ppm
Nickel		corresponds*	≤ 1 ppm
Antimony		corresponds*	≤ 1 ppm
Arsenic:	ICP-MS	corresponds*	≤ 1 ppm

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Test	Test Method	Result	Limits/Specification
Microbiological purity:	USP		
Total aerobic plate count		corresponds*	≤ 100 CFU/g
Total yeast and moulds count		corresponds*	≤ 100 CFU/g
Pseudomonas aeruginosa		corresponds*	negative in 1 g
Staphylococcus aureus		corresponds*	negative in 1 g
Escherichia coli		corresponds*	negative in 1 g
Candida albicans		corresponds*	negative in 1 g

*) checked at regular intervals

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This lot has been analyzed against the substance specifications given above and released. The manufacturing and control records have been reviewed by our authorized Quality organization. The lot has been produced in conformity with applicable regulations and Good Manufacturing Practices for the uses stated in DSM Product Data sheet. A QA comment will be presented below if there is any deviation requiring restriction in the use of this lot.

Please consult your local representative or visit the DSM Customer Portal online for further compendial and compliance documentation.

System Dispositioned

(This document has been generated and signed electronically)

DSM Nutritional Products Ltd.
Quality Assurance

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CoA ID: 241807
Date of Issue: 25-Apr-2024