

*Coversheet for Certificate of Analysis*

**Productcode :** 5015787  
**Lôt No. :** 0723010036  
**Analysis No. :** 03F43671

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**CfC Number :** 05362444  
**Articlecode :** 5015787021  
**Sales Name :** 0,200 KG SAMPLE PARSOL EHS  
**Manufacturing Date :** 12-APR-2023  
**Best Use Before Date :** 11-APR-2026  
**Delivery Note No.** 1124140359  
**Destination :** Argentina  
**Customer Ref. No :** 4501911608  
**Customer Article No:** 5015787021  
**Customer Name:** DSM NUTRITIONAL PRODUCTS ARGENTINA  
S.A.  
C.U.I.T : 30-70782242-9  
COLECTORA ESTE PANAMERICANA

Article desc. CoA  
Comment

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# PARSOL® EHS

## CERTIFICATE OF ANALYSIS

Productcode : 5015787  
 Lot No. : 0723010036  
 Analysis No. : 03F43671

Test	Result	Limits / Specifications	Dimension / Units
<b>Appearance</b> visual	liquid	liquid	
<b>Colour</b> visual	colorless to pale yellow	colorless to pale yellow	
<b>Assay</b> GC (USP 621)	99.1	95.0 to 105.0	%
<b>Identity</b> IR (USP 197F)	corresponds	corresponds	
<b>Identity</b> GC (USP 621)	corresponds	corresponds	
<b>Specific gravity (25°C)</b> Pycnometer (USP 841)	1.014	1.011 to 1.016	
<b>Refractive index (20°C)</b> Refractometer (USP 831)	1.501	1.500 to 1.503	
<b>Acidity (0.1N NaOH)</b> Titration (USP)	0.0	max. 0.2	mL/mL
<b>UV specific extinction</b> (E 1%, 1 cm at 305 nm in ethanol) Spectrophotometry	181	168 to 182	
<b>Chromatographic purity</b> Each GC (USP 621)	0.1	max. 0.5	%
Total GC (USP 621)	0.3	max. 2.0	%
<b>Methanol</b> GC (USP 467)	corresponds*	max. 50	ppm
<b>Heavy metals</b> Lead ICP-MS (USP 232/233)	corresponds*	max. 1	ppm
Cadmium ICP-MS (USP 232/233)	corresponds*	max. 0.5	ppm
Mercury ICP-MS (USP 232/233)	corresponds*	max. 0.1	ppm
Cobalt ICP-MS (USP 232/233)	corresponds*	max. 1	ppm
Chrome ICP-MS (USP 232/233)	corresponds*	max. 1	ppm
Nickel ICP-MS (USP 232/233)	corresponds*	max. 1	ppm
Antimony ICP-MS (USP 232/233)	corresponds*	max. 1	ppm

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Test	Result	Limits / Specifications	Dimension / Units
<b>Arsenic</b> ICP-MS (USP 232/233)	corresponds*	max. 1	ppm
<b>Microbiological purity</b>			
Total aerobic plate count USP/EP	corresponds*	max. 100	CFU/g
Total yeast and moulds count USP/EP	corresponds*	max. 100	CFU/g
Pseudomonas aeruginosa USP/EP	corresponds*	negative in 1g	
Staphylococcus aureus USP/EP	corresponds*	negative in 1g	
Escherichia coli USP/EP	corresponds*	negative in 1g	
Candida albicans USP/EP	corresponds*	negative in 1g	


\*) checked at regular intervals

This lot has been analyzed and released. The manufacturing and control records have been reviewed by our authorized Quality organization. This lot meets substance specifications as given here above and has been produced in conformity with applicable Good Manufacturing Practices (GMP).

The product meets all requirements of the following valid compendia when tested accordingly:

USP

DSM Nutritional Products Ltd  
 The Quality Assurance Manager



Tang Yu-Wei