

PRODUCT SPECIFICATION – FEED INGREDIENTS

COBALT SULPHATE FEED

Labshop | Chemicals
Restoration
Art Supplies

1. PRODUCT IDENTIFICATION

Supplier product name	COBALT SULPHATE FEED		
Supplier product number	O2140	Date of issue: 14/01/2022	Replaces: 28/01/2008
Origin	Synthetic		
Manufacturer	Todini		
Country	Italy		
Certification manufacturer:	FAMI-QS		

1.1 Composition

Single ingredient	
Chemical name	Cobalt sulphate heptahydrate
Chemical formula	$\text{Co}(\text{SO}_4) \cdot 7\text{H}_2\text{O}$
Molecular weight	281,103 g/mol

1.2 Legislative information

CAS-N°	10026-24-1
INTRASTAT CODE	2833293000
EINECS	233-334-2
Legal declaration	Cat 3B305

2. PRODUCT INFORMATION

	Unit	Specification	Method
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2.0 Application

Minerals	Oligo-elements for Animal Feed		
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2.1 Physical and Chemical properties

Appearance		Crystals	
Colour		Pink / red	
Odour/taste		Odourless	
Cobalt sulphate ($\text{CoSO}_4 \cdot 7\text{H}_2\text{O}$)	%	min. 99,1	
Cobalt (Co)	%	min. 20,0	
pH 5% soln.		3 - 8	

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2.2 Microbiological data

N.A.

2.3 Contaminants

2.3.1 Chemical contaminants

Arsenic (As)	ppm	max. 3	
Cadmium (Cd)	ppm	max. 10	
Copper (Cu)	ppm	max. 500	
Iron (Fe)	%	max. 0,1	
Mercury (Hg)	ppm	max. 2	
Nickel (Ni)	ppm	max. 500	
Lead (Pb)	ppm	max. 50	

2.3.2 Physical contaminants

Foreign body control	Sieve
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2.4 Nutritional Information (Regulation EC 1169/2011)

2.4.1 Nutritional Values

Energy	kJ/100g	-	
Energy	kcal/100g	-	
Protein	g/100g	0	
Carbohydrate :	g/100g	0	
Of which Sugars	g/100g	0	
Polyols	g/100g	0	
Starches	g/100g	0	
Others	g/100g	0	
Fat :	g/100g	0	
Of which Saturated	g/100g	0	
Mono-unsaturated	g/100g	0	
Poly-unsaturated	g/100g	0	
Transfatty acids	g/100g	0	
Cholesterol	mg/100g	0	
Water	g/100g	-	

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Organic acid	g/100g	-	
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2.4.2 Minerals

Cobalt	g/100g	min. 20	
Copper	mg/100g	max. 50	
Iron	mg/100g	max. 100	
Nickel	mg/100g	max. 50	

3. FOOD INTOLERANCES

3.1 GMO Declaration (Regulations EC 1829/2003 and EC 1830/2003)

COBALT SULPHATE HEPTAHYDRATE does not contain genetically modified organisms and is not produced using raw materials of a genetically modified origin. At no stage during production does the product come into contact with genetically modified organisms.
COBALT SULPHATE HEPTAHYDRATE is falling under the scope of the EC Regulation n° 1829/2003 on genetically modified food and feed and the EC Regulation n° 1830/2003 on the traceability and labeling of genetically modified organisms and the traceability of products derived from them and to modification of Directive 2001/18/EC.

3.2 Irradiation (Regulations EC 1999/2 and 1999/3)

This product was not subject to any kind of irradiation treatment

3.3 BSE/TSE Declaration

The used ingredients for COBALT SULPHATE HEPTAHYDRATE are not of animal origin. The processing equipment and the packing material, which is used to manufacture, pack or fill the products into the packing units do not come into contact with any meat or meat by- product.

3.4 Residual Solvents, complies with

For the manufacturing of the product, no solvents are used.
This product complies with ICH guideline Q3D on residual solvents.

3.5 Regulatory information

The product complies with:

EC Regulation n° 1831/2003 on additives for use in animal nutrition.
EC Directive 2002/32/EC on undesirable substances in animal feed
(including amendments 2005/87/EC and 277/2012/EC).
EC Regulation n° 767/2009 on the placing on the market and use in feed.
EC Regulation n° 68/2013 on the Catalogue of feed hygiene.
EC Regulation n° 183/2005 on requirements for feed hygiene.

The production plant complies with:

EC Regulation n° 183/2005 on requirements for feed hygiene.

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4. PACKAGING

Packaging description	Bags
Packaging net content	25kg
Different packagings on request	
Paletisation	40 bags/pallet

5. STORAGE CONDITIONS

Storage conditions	Must be kept in a cool, dry and well ventilated environment, in closed original packaging
Shelf life (recommended re-analysis)	36 months after production, under the above mentioned conditions

6. LABELING INFORMATION

On label	Cobalt sulphate Feed Grade

7. DISCLAIMER

The content of the Product Specification Sheet is completed to the best of our knowledge.
This document does not dismiss the user of his legal obligation with respect to feed safety.

