

PRODUCT SPECIFICATION – FEED INGREDIENTS



GLYCERINE

1. PRODUCT IDENTIFICATION

Supplier product name	GLYCERINE FEED		
Supplier product number	F0080	Date of issue: 03/07/2024	Expiration date: 03/07/2026
Origin	Vegetable		
Manufacturer	Several		
Country	Several		
Certification manufacturer:	GMP+		

1.1 Composition

Single ingredient	
Chemical name	1,2,3-propanetriol (trihydroxypropane), glycerine, glycerol
Chemical formula	C ₃ H ₈ O ₃
Molecular weight	92.0938

1.2 Legislative information

CAS-N°	56-81-5
INTRASTAT CODE	2905450000
EINECS	200-289-5
Product type	Feed Material
Legal declaration	13.8.2

2. PRODUCT INFORMATION

2.0 Application

Feed Material				
	<table border="1"> <thead> <tr> <th>Unit</th> <th>Specification</th> <th>Method</th> </tr> </thead> </table>	Unit	Specification	Method
Unit	Specification	Method		

2.1 Physical and Chemical properties

Appearance		Liquid	EP
Colour		Clear, colourless	EP
Odour/taste		Odourless / Sweet taste	
Content	%	min. 99,5	EP
Water	%	max. 0,5	EP
Colour	APHA	max. 10	ISO 6271
Sulphated ash	%	max. 0,01	EP
Refractive index		1,470 – 1,475	EP

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Density		min. 1,262	EP
Acidity or alkalinity	ml 0,1 N NaOH	max. 0,2	EP
Ester	ml 0,1 N HCL	min. 8,00	EP
Sugar		Negative	EP
Impurity A (diethylene glycol)	%	max. 0,1	EP
Any other impurity R (t) < glycerol	%	max. 0,1	EP
Sum of all impurities R (t) > glycerol	%	max. 0,1	EP

2.2 Microbiological data

Total plate count (30°C)	cfu/g	max. 100	
Yeasts	cfu/g	max. 10	
Moulds	cfu/g	max. 10	
Faecal streptococcus	cfu/g	max. 10	
Enterobacteriaceae	cfu/g	max. 10	
E-Coli	cfu/g	max. 10	
Salmonellae	/25g	Absent	

2.3 Contaminants

2.3.1 Chemical contaminants

Halogenated compounds	ppm	max. 35	EP
Chloride (Cl)	ppm	max. 10	EP
Heavy metals	ppm	max. 5	EP
Aldehydes	ppm	max. 10	EP

2.3.2 Physical contaminants

Foreign body control	Activated carbon filtration
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2.4 Nutritional Information (Regulation EC 1169/2011)

2.4.1 Nutritional Values

Energy	kJ/100g	1800	
Energy	kcal/100g	430	
Protein	g/100g	< 0,1	
Carbohydrate :	g/100g	> 99,2	
Of which Sugars	g/100g	< 0,1	
Polyols	g/100g	> 99,2	

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Starches	g/100g	0	
Others	g/100g	0	
Fat :	g/100g	< 0,1	
Of which Saturated	g/100g	< 0,1	
Mono-unsaturated	g/100g	< 0,1	
Poly-unsaturated	g/100g	< 0,1	
Transfatty acids	g/100g	0	
Cholesterol	mg/100g	0	
Salt	mg/100g	<0,05	
Water	g/100g	<0,5	
Organic acid	g/100g	-	

2.4.2 Minerals

Sodium	mg/100g	2,5	
Calcium	mg/100g		
Zinc	mg/100g		
Copper	mg/100g		
Phosphorus	mg/100g		
Others:	mg/100g		

3. FEED INTOLERANCES

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

GLYCERINE FEED 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.

GLYCERINE FEED 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 GLYCERINE FEED 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.

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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.
EC Regulation n° 767/2009 on the placing on the market and use in feed.
EC Regulation n° 2022/1104 on the Catalogue of feed materials.
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.

4. PACKAGING

Packaging description	Bulk and IBC's
Packaging net content	- 1100kg
Different packagings on request	Y
Paletisation	

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)	24 months after production, under the above mentioned conditions

6. LABELING INFORMATION

FEED MATERIAL	for animal feed - GLYCERIN (13.8.2) min.99,5% / Keep dry and cool / Admission number: BE2283 - NL1236
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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.

DISTRIBUTOR COMPANY INFORMATION			
name	BRENNTAG N.V.		
address	Leon Bekaertstraat 5 8770 Ingelmunster		
country	Belgium		
phone number	+32 (0)51 62 42 45		
website	www.indufarm.com		
e-mail	contact@indufarm.com		
activities	Distribution and export of chemicals and ingredients		
VAT number	BE0662512077		
emergency number(24/365)	+32 (0)70 245 245		
management systems: certifications	ISO 9001, ISO 14001, ISO 22000, FSSC 22000, GMP+ Feed, ESAD		