GRUPPO SANPELLEGRINO

Technical Specification

Issued on: 23/07/2024 Rev: *0*

S.PELLEGRINO NATURAL MINERAL WATER — SANPELLEGRINO

All One Way Glass Bottle — **Shelf Life: 30_24 M**

Description:

Carbonated Natural Mineral Water added with Carbon Dioxide in accordance with European Directive 2009/54/EEC.
Acknowledgments: Italian Ministry of Health Decrees Nr. 3378-243 on 26/03/01 and Nr. 3419-243 on 31/'01/02.

Ingredients:

S. Pellegrino Natural Mineral Water, Carbon Dioxide.

Preservation and Storage:

Store in a clean, cool, dry and odorless place, away from direct sunlight and freezing temperatures.

Organoleptic Specifications:

Limpid, Odourless, Colourless, Typical Taste

Chemical Specifications:

Parameter	UM	Value	Tolerances	Methods
Carbonation (at bottling)	g/l CO2	4.8 (Glass)	± 0.2	
Temperature at Source	°C	21.2		UNI 10500:1996
pH at Source		7.5		2060 APAT IRSA-CNR 2003
Specific Conductance at 20°C	µS/cm	1098		2030 APAT IRSA-CNR 2003
TDS (Total Dissolved Solids) at 180°C	mg/L	862		UNI 10506:1996
Total Mineralisation	mg/L	987		
Sodium	mg/L	31.0		3030 APAT IRSA-CNR 2003
Potassium	mg/L	2.4		3030APATIRSA-CNR 2003
Calcium	mg/L	174		3030 APAT IRSA-CNR 2003
Magnesium	mg/L	49.6		3030 APAT IRSA-CNR 2003
Chloride	mg/L	48.7		S.M. 4110B
Sulphates	mg/L	418		S.M. 4110B
Fluoride	mg/L	0.5		4100B APAT IRSA-CNR2003
Hydrogencarbonate	mg/L	252		S.M. 2320 B
Nitrate	mg/L	2.9		S.M. 4110 B
Nitrite	mg/L	less than 0.002		4050 APAT IRSA-CNR 2003
Silica (as SiO2)	mg/L	7.0		4130 APAT IRSA-CNR 2003
Analysis carried out by the University of Pavia - General Chemistry Dept. on 27th June 2022				

Microbiological Specifications:

Nutritional Information

Packaging Specifications:

Packing	Type	Description
Piece	Bottle	Glass Bottle available in following sizes: -250 ml Aluminium Screw Cap; -500/505 ml Crown Cork;

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		-750 ml Aluminium Screw Cap; -1000 Crown Cork
Secondary Pack	Cadboard Box	For 250 ml Size: 24 Bottles Cardboard Box (4 Clusterpack) For 500/505 ml Size: 24 Bottles Cardboard Box For 750 ml Size: 12 Bottles Cardboard Box & 15 Bottles Cardboard Box For 1000 ml Size: 12 Bottles Cardboard Box

Manufacturing Conditions:

In the botting factory a HACCP system has been studied and realized according to Regulation EEC 852/2004 of 29th April 2009 "Hygiene of Foodstuffs".
The bottling factory has implemented a GMP program.
The bottling factory is ISO 9001:2015, FSSC 22000, ISO 14001, ISO 45001 certified.
The bottling factory has a Documented Cleaning & Sanitation Program.
The bottling factory has a Documented Pest Control Program.
The product does not contain any Genetically Modified Ingredient.
The bottling plant can assure the product traceability by means of the lot code printed on the label /can bottom.

Issued by:

SANPELLEGRINO S.P.A.
Paolo Cortesi
Factory Quality Manager
Quality Assurance Manager
Ruspino plant



Printed on: 23/07/2024

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GRUPPO SANPELLEGRINO

Technical Specification

Issued on: 23/07/2024 Rev: *0*

S.PELLEGRINO NATURAL MINERAL WATER — SANPELLEGRINO

All PET Bottles — **Shelf Life: 12_15M**

Description:

Carbonated Natural Mineral Water added with Carbon Dioxide in accordance with European Directive 2009/54/EEC.
Acknowledgments: Italian Ministry of Health Decrees Nr. 3378-243 on 26/03/01 and Nr. 3419-243 on 31/'01/02.

Ingredients:

S. Pellegrino Natural Mineral Water, Carbon Dioxide.

Preservation and Storage:

Store in a clean, cool, dry and odorless place, away from direct sunlight and freezing temperatures.

Organoleptic Specifications:

Limpid, Odourless, Colourless, Typical Taste

Chemical Specifications:

Parameter	UM	Value	Tolerances	Methods
Carbonation (at bottling)	g/l CO2	5.3 (PET_Can)	± 0.2	
Temperature at Source	°C	21.2		UNI 10500:1996
pH at Source		7.5		2060 APAT IRSA-CNR 2003
Specific Conductance at 20°C	µS/cm	1098		2030 APAT IRSA-CNR 2003
TDS (Total Dissolved Solids) at 180°C	mg/L	862		UNI 10506:1996
Total Mineralisation	mg/L	987		
Sodium	mg/L	31.0		3030 APAT IRSA-CNR 2003
Potassium	mg/L	2.4		3030APATIRSA-CNR 2003
Calcium	mg/L	174		3030 APAT IRSA-CNR 2003
Magnesium	mg/L	49.6		3030 APAT IRSA-CNR 2003
Chloride	mg/L	48.7		S.M. 4110B
Sulphates	mg/L	418		S.M. 4110B
Fluoride	mg/L	0.5		4100B APAT IRSA-CNR2003
Hydrogencarbonate	mg/L	252		S.M. 2320 B
Nitrate	mg/L	2.9		S.M. 4110 B
Nitrite	mg/L	less than 0.002		4050 APAT IRSA-CNR 2003
Silica (as SiO2)	mg/L	7.0		4130 APAT IRSA-CNR 2003
Analysis carried out by the University of Pavia - General Chemistry Dept. on 27th June 2022				

Microbiological Specifications:

Nutritional Information

Packaging Specifications:

Packing	Type	Description
Piece	Bottle	PET Bottle available in the following sizes: -330ml (Multilayer); -500ml (Standard PET & Multilayer);

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		-750ml (Standard PET); -1000ml (Standard PET & Multilayer); -1250ml (Standard PET).
Secondary Pack	Film Pack	For 330ml size: -24 Bottles Shrink-Wrapped Pack (4 Six-Packs); -24 Bottles Shrink-Wrapped Pack (Loose). For 500ml size: -24 Bottles Shrink-Wrapped Pack (4 Six-Packs); -24 Bottles Shrink-Wrapped Pack (6 Four-Packs); -24 Bottles Shrink-Wrapped Pack (Loose); -12 Bottles Shrink-Wrapped Pack (Loose) For 750ml size: -6 Bottles Shrink-Wrapped Pack. For 1000ml size: -6 Bottle Shrink-Wrapped Pack. For 1250ml size: -6 Bottle Shrink-Wrapped Pack
Secondary Pack	Cadboard Box	For 1000 ml Size: 12 Bottles Cardboard Box

Manufacturing Conditions:

In the botting factory a HACCP system has been studied and realized according to Regulation EEC 852/2004 of 29th April 2009 "Hygiene of Foodstuffs".
The bottling factory has implemented a GMP program.
The bottling factory is ISO 9001:2015, FSSC 22000, ISO 14001, ISO 45001 certified.
The bottling factory has a Documented Cleaning & Sanitation Program.
The bottling factory has a Documented Pest Control Program.
The product does not contain any Genetically Modified Ingredient.
The bottling plant can assure the product traceability by means of the lot code printed on the label /can bottom.

Issued by:

SANPELLEGRINO S.P.A.
Paolo Cortesi
Factory Quality Manager
Quality Assurance Manager
Ruspino plant



Printed on: 23/07/2024

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GRUPPO SANPELLEGRINO

Technical Specification

ACQUA PANNA

PANNA NATURAL MINERAL WATER

OWG BOTTLES

SHELF LIFE : 30 Months
24 Months (Only For X1,SA and IT Market)
364 Days (Only For QA Market)

Descriptions:

Natural Mineral Water in accordance with European Directives 2009/54/CE and 2003/40/EC
Acknowledgments: Italian Ministry of Health Decrees Nr. 3106-065 on 28/12/98 -Country of Origin: Italy

Ingredients:

Panna Natural Mineral Water

Preservation and Storage:

Store in a clean, cool, dry and odorless place, away from direct sunlight

Organoleptic Specifications:

Limpid, Odourless, Colourless

Chemical Specifications

Parameter	UM	Value	Methods
Water temperature	°C	10.9	UNI 10500:1996
pH		8.0	2060 APAT IRSA-CNR 2003
Specific conductance at 20°C	µS/cm	225	2030 APAT IRSA-CNR 2003
Total hardness	°f	10.8	2040 APAT IRSA-CNR 2003
Total dissolved solids at 180°C	mg/L	143	UNI 10506:1996
Total mineralisation	mg/L	195	
Oxidability with permanganate (Kubel)	mg/L	0.2	UNI EN ISO 8467:1997
Free carbon dioxide	mg/L	2.8	4010 APAT IRSA-CNR 2003
Silica	mg/L	7.1	4130 APAT IRSA-CNR 2003
Hydrogencarbonate	mg/L	107	S.M. 2320B (a)
Chloride	mg/L	8.2	S.M. 4110B (a)
Sulphate	mg/L	23	S.M. 4110B (a)
Sodium	mg/L	7.0	3030 APAT IRSA-CNR 2003
Potassium	mg/L	0.9	3030 APAT IRSA-CNR 2003
Calcium	mg/L	32.3	3030 APAT IRSA-CNR 2003
Magnesium	mg/L	6.7	3030 APAT IRSA-CNR 2003
Ammonium	mg/L	< 0.05	4030A A2 PAT IRSA-CNR 2003
Fluoride	mg/L	< 0.1	4100B APAT IRSA-CNR (b)

PANNA NATURAL MINERAL WATER

OWG BOTTLES

SHELF LIFE : 30 Months
24 Months (Only For X1,SA and IT Market)
364 Days (Only For QA Market)

Parameter	UM	Value	Methods
Nitrate	mg/L	2.4	S.M. 4110 B (a)(b)
Nitrite	mg/L	< 0.002	4050 APAT IRSA-CNR 2003 (b)
(a) Reference:"Standard Methods for the Examination of Water and Wastewater" - APHA Editor, 22nd Edition.			
(b) Performance characteristics for the analysis of the constituents in Annex I-Decreto del Ministero della Salute 10/02/2015			
(c) Methods detection limits as in Annex II-Decreto del Ministero della Salute 10/02/2015			
Analysis carried out by the University of Pavia - Chemestry Dept. on Sept 12, 2024			

PANNA NATURAL MINERAL WATER

OWG BOTTLES

SHELF LIFE : 30 Months
24 Months (Only For X1,SA and IT Market)
364 Days (Only For QA Market)

Packaging Spacification

Pack	Type	Decription
Piece	Bottle (also DFE treated)	- 250 ml - 500 ml - 505 ml - 750 ml - 1000 ml
	Cap	Crown Screw
Primary Pack	Clusterpack	- 250 ml size: 6 Bottles in Clusterpack
Secondary Pack	Cardboard Box	- 250 ml size: 24 Bottles in Card.Box (4xCluster of 6 Bottles) - 500 ml size: 24 Bottles in Card. Box + Divider - 505 ml size: 24 Bottles in Card. Box + Divider - 750 ml size: 12 Bottles in Card. Box - 750 ml size: 15 Bottles in Card. Box + Diveder - 1000 ml size: 12 Bottles in Card. Box + Diveder

Manufacturing Conditions:

In the bottling factory HACCP system and a GMP program has been studied and realized in accordance with European Directive 93/43/CEE.
The bottling Factory is NSF, ESMA, FSSC 22000, SNI, HALAL certified and ISO9001
The product is O.U. Kosher Certified
The bottling Factory has a documented Cleaning & Sanitation Program.
The bottling Factory has a documented Pest Control Program.
The product does not contain any Genetically Modified Ingredient.
The bottling plant can assure the product traceability by means of the lot code printed on the label.
The Product is Gluten free

Date: 01/10/2024

Factory Manager
Silvia Galvanin

GRUPPO SANPELLEGRINO

Technical Specification

ACQUA PANNA

PANNA NATURAL MINERAL WATER

PET BOTTLES

SHELF LIFE: 12 Months (150cl, 75cl, 50cl Italy)
18 Months (150cl, 75cl, 50cl Generic Export)
24 Months (100cl Generic Export)
364 Days (X1-XA)

Descriptions:

Natural Mineral Water in accordance with European Directives 2009/54/CE and 2003/40/EC
Acknowledgments: Italian Ministry of Health Decrees Nr. 3106-065 on 28/12/98 -Country of Origin: Italy

Ingredients:

Panna Natural Mineral Water

Preservation and Storage:

Store in a clean, cool, dry and odorless place, away from direct sunlight

Organoleptic Specifications:

Limpid, Odourless, Colourless

Chemical Specifications

Parameter	UM	Value	Methods
Water temperature	°C	10.9	UNI 10500:1996
pH		8.0	2060 APAT IRSA-CNR 2003
Specific conductance at 20°C	µS/cm	225	2030 APAT IRSA-CNR 2003
Total hardness	°f	10.8	2040 APAT IRSA-CNR 2003
Total dissolved solids at 180°C	mg/L	143	UNI 10506:1996
Total mineralisation	mg/L	195	
Oxidability with permanganate (Kubel)	mg/L	0.2	UNI EN ISO 8467:1997
Free carbon dioxide	mg/L	2.8	4010 APAT IRSA-CNR 2003
Silica	mg/L	7.1	4130 APAT IRSA-CNR 2003
Hydrogencarbonate	mg/L	107	S.M. 2320B (a)
Chloride	mg/L	8.2	S.M. 4110B (a)
Sulphate	mg/L	23	S.M. 4110B (a)
Sodium	mg/L	7.0	3030 APAT IRSA-CNR 2003
Potassium	mg/L	0.9	3030 APAT IRSA-CNR 2003
Calcium	mg/L	32.3	3030 APAT IRSA-CNR 2003
Magnesium	mg/L	6.7	3030 APAT IRSA-CNR 2003
Ammonium	mg/L	< 0.05	4030A A2 PAT IRSA-CNR 2003
Fluoride	mg/L	< 0.1	4100B APAT IRSA-CNR (b)

PANNA NATURAL MINERAL WATER

PET BOTTLES

SHELF LIFE: 12 Months (150cl, 75cl, 50cl Italy)
18 Months (150cl, 75cl, 50cl Generic Export)
24 Months (100cl Generic Export)
364 Days (X1-XA)

Parameter	UM	Value	Methods
Nitrate	mg/L	2.4	S.M. 4110 B (a)(b)
Nitrite	mg/L	< 0.002	4050 APAT IRSA-CNR 2003 (b)
(a) Reference:"Standard Methods for the Examination of Water and Wastewater" - APHA Editor, 22nd Edition.			
(b) Performance characteristics for the analysis of the constituents in Annex I-Decreto del Ministero della Salute 10/02/2015			
(c) Methods detection limits as in Annex II-Decreto del Ministero della Salute 10/02/2015			
Analysis carried out by the University of Pavia - Chemestry Dept. on Sept 12, 2024			

PANNA NATURAL MINERAL WATER

PET BOTTLES

SHELF LIFE: 12 Months (150cl, 75cl, 50cl Italy)
18 Months (150cl, 75cl, 50cl Generic Export)
24 Months (100cl Generic Export)
364 Days (X1-XA)

Packaging Spacification

Pack	Type	Decription
Piece	Bottle	- 330 ml - 750 ml - 1000 ml - 1500 ml
Primary Pack	Filmpack	- 500 ml size: 6 Bottles in Filmpack
Secondary Pack	Filmpack	- 500 ml size: 24 Bottles in Filmpack (4 x FilmPack of 6 Bottles) - 500 ml size: 24 Bottles in Filmpacked Tray - 750 ml size: 6 Bottles in Filmpack - 750 ml size: 12 Bottles in Filmpack - 1000 ml size: 6 Bottles in Filmpack - 750 ml size: 12 Bottles in Filmpack - 1500 ml size: 6 Bottles in Filmpack
	Carton Box	- 330 ml size: 24 Bottles in Carton Box - 500 ml size: 24 Bottles in Carton Box (4 x FilmPack of 6 Bottles) - 1000 ml size: 12 Bottles in Carton Box

Manufacturing Conditions:

In the bottling factory HACCP system and a GMP program has been studied and realized in accordance with European Directive 93/43/CEE.
The bottling Factory is NSF, ESMA, FSSC 22000, SNI, HALAL certified and ISO9001
The product is O.U. Kosher Certified
The bottling Factory has a documented Cleaning & Sanitation Program.
The bottling Factory has a documented Pest Control Program.
The product does not contain any Genetically Modified Ingredient.
The bottling plant can assure the product traceability by means of the lot code printed on the label.
The Product is Gluten free

Date: 02/10/2024

Factory Manager
Silvia Galvanin