

# PANNA NATURAL MINERAL WATER

OWG BOTTLES

SHELF LIFE : 30 Months

**Description:**

Natural Mineral Water in accordance with European Directives 80/777/EEC, 96/70/EEC and 2003/40/EEC  
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	Tolerance	Methods
Water Temperature	°C	10.3		UNI 10500:1996
pH		8.0		2060 Man. APAT IRSA-CNR
Specific conductance at 20°C	µS/cm	222		2060 Man. APAT IRSA-CNR
Total mineralisation	mg/L	191		
Total dissolved solids at 180°C	mg/L	141		UNI 10506:1996
Oxidability with permanganate (Kubel)	mg/L	0.2		UNI EN ISO 8467:1997
Free carbon dioxide	mg/L	3.8		UNI 10507:1996
Silica	mg/L	7.1		4130 Man. APAT IRSA-CNR
Hydrogencarbonate	mg/L	103		S.M. 2320B (a)
Chloride	mg/L	9.0		S.M. 4110B (a)
Sulphate	mg/L	22.7		S.M. 4110B (a)
Sodium	mg/L	6.7		S.M. 3500-Na B (a)
Potassium	mg/L	0.9		S.M. 3500-K B (a)
Calcium	mg/L	32.0		S.M. 3120 B (a), 3500-Ca B (a)
Magnesium	mg/L	6.4		S.M. 3120 B (a), 3500-Mg B (a)
Iron (Dissolved)	mg/L	< 0.02		UNI EN ISO 11885:2000
Ammonium	mg/L	< 0.05		4030A2 Man. APAT IRSA-CNR
Phosphorous	mg/L	< 0.05		4110 Man. APAT IRSA-CNR
Sulfide	mg/L	< 0.01		4160 Man. APAT IRSA-CNR; S.M. 4500S2- D (a)
Strontium	mg/L	0.294		ISO 17294-2
Lithium	mg/L	< 0.010		ISO 17294-2
Aluminium	mg/L	< 0.010		ISO 17294-2
Bromide	mg/L	< 0.10		S.M. 4110B (a)
Iodide	mg/L	< 0.50		UNI EN ISO 10304-3:2000 S.M. 4500- I- C (a)
Silver	mg/L	< 0.001		ISO 17294-2
Antimony	mg/L	< 0.0010		ISO 17294-2 (b)
Arsenic	mg/L	< 0.001		UNI EN ISO 11969 (b)
Barium	mg/L	< 0.1		ISO 17294-2 (b)
Boron	mg/L	< 0.1		ISO 17294-2 (b)
Cadmium	mg/L	< 0.0003		ISO 17294-2 (b)
Chromium	mg/L	< 0.001		ISO 17294-2 (b)
Copper	mg/L	< 0.1		ISO 17294-2 (b)
Cyanide (total)	mg/L	< 0.001		S.M. 4500- CN-E (a) (b)
Fluoride	mg/L	< 0.1		4100B Man. APAT IRSA-CNR (b)

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Lead	mg/L	< 0.001	ISO 17294-2 (b)
Manganese	mg/L	< 0.01	ISO 17294-2 (b)
Mercury	mg/L	< 0.0001	UNI EN 1483:1999 (b)
Nickel	mg/L	< 0.001	ISO 17294-2 (b)
Nitrate	mg/L	2.9	S.M. 4110 B (a) (b)
Nitrite	mg/L	< 0.002	4050 Man. APAT IRSA-CNR (b)
Selenium	mg/L	< 0.001	UNI 10557:1996 (b)
Anionic surfactants (as LAS)	µg/L	< 50	S.M. 5540 C (a) (c)
Oil, grease, dissolved hydrocarbons, emulsion	µg/L	< 10	5160 Man. APAT IRSA-CNR (c)
Benzene	µg/L	< 0.5	S.M. 6200 B (a) (c)
Benzo(a)pyrene	µg/L	< 0.003	ISO 17993 (c)
Benzo(b)fluoranthene	µg/L	< 0.006	ISO 17993 (c)
Benzo(k)fluoranthene	µg/L	< 0.006	ISO 17993 (c)
Benzo(ghi)perylene	µg/L	< 0.006	ISO 17993 (c)
Dibenzo(a,h)anthracene	µg/L	< 0.006	ISO 17993 (c)
Indeno(1,2,3-cd)pyrene	µg/L	< 0.006	ISO 17993 (c)
Others polynuclear aromatic hydrocarbons	µg/L	< 0.006	ISO 17993 (c)
Pesticides (Insecticides, herbicides, fungicides, nematocides, acaricides, algicides, rodenticides, metabolites and by-products), Individual compound	µg/L	< 0.05	UNI EN ISO 6468:1999 (c) EPA 551.1 (c)
Aldrin, Dieldrin, Eptachlor, Eptachlor epoxide (individual compound)	µg/L	< 0.01	UNI EN ISO 6468:1999 (c)
Polychlorinated biphenyls (individual congener)	µg/L	< 0.05	UNI EN ISO 6468:1999 (c)
Chloroform	µg/L	< 0.05	S.M. 6200 B (a) (c)
Chlorodibromomethane	µg/L	< 0.05	S.M. 6200 B (a) (c)
Dichlorobromomethane	µg/L	< 0.05	S.M. 6200 B (a) (c)
Bromofrom	µg/L	< 0.05	S.M. 6200 B (a) (c)
Trichloroethylene	µg/L	< 0.01	S.M. 6200 B (a) (c)
Tetrachloroethylene	µg/L	< 0.01	S.M. 6200 B (a) (c)
1,2-dichloroethane	µg/L	< 0.01	S.M. 6200 B (a) (c)
Halogenate compounds not included in pesticides and polychlorinated biphenyls lists (individual compound)	µg/L	< 0.01	S.M. 6200 B (a) (c)

Analysis carried out by the University of Pavia - General Chemistry Dept. on June 10, 2010

## Microbiological Specifications:

Parameter	UM	Value	Methods
Standard Plate Count at 22°C (at Bottling)	cfu/ml	less than 100	CMS n° 17/91 and D.M. 339/99
Standard Plate Count at 37°C (at Bottling)	cfu/ml	less than 20	CMS n° 17/91 and D.M. 339/99
Total Coliforms	cfu/250 ml	Absence	CMS n° 17/91 and D.M. 339/99
Faecal Coliforms	cfu/250 ml	Absence	CMS n° 17/91 and D.M. 339/99
Pseudomonas aeruginosa	cfu/250 ml	Absence	CMS n° 17/91 and D.M. 339/99
Faecal Streptococchi	cfu/250 ml	Absence	CMS n° 17/91 and D.M. 339/99
Staphylococcus aureus	cfu/250 ml	Absence	CMS n° 17/91 and D.M. 339/99
Sulfite Reduction Clostridia Spores	cfu/50 ml	Absence	CMS n° 17/91 and D.M. 339/99

## Nutritional Information

Parameter	UM	Value
Energy Giving	Kcal/100 ml - KJ/100 ml	0

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## Packaging Spacification

Pack	Type	Decription
Piece	Bottle (also DFE treated)	- 250 ml - 500 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 + Diverder - 750 ml size: 12 Bottles in Card. Box + Diverder - 750 ml size: 15 Bottles in Card. Box + Diverder - 1000 ml size: 12 Bottles in Card. Box + Diverder

## 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 BRC certified  
The product is O.U. Kosher Passover 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 bottling factory is IFS, NSF, ISO 22000 certified

*Acqua Panna Quality Assurance*

