

TECHNICAL DATA SHEET

PDV TABLET SALT

Type C | Food Grade | High Purity Sodium Chloride Vacuum Salt

PRODUCT TYPE: PDV TABLET SALT - TYPE C

This White Salt technical data sheet preserves the original product specifications and laboratory values while updating the supplier identity, visual system, and contact information.

TYPE

PDV Tablet Salt
Type C

NACL RESULT

99.2% min

CAS NUMBER

7647-14-5

HS CODE

2501.00

1. PRODUCT DESCRIPTION

White Salt PDV-C Tablet Salt is a high-purity vacuum-dried salt (PDV) specifically processed for applications requiring a fine crystalline structure and exceptional chemical purity. This food-grade product is manufactured using advanced vacuum evaporation technology, ensuring a consistent particle size and minimal impurities. It is ideal for food processing, chemical manufacturing, and high-end industrial applications.



PDV TABLET SALT

TYPE C

2. CHEMICAL SPECIFICATION

All values except moisture are calculated on a dry basis. Test methods follow Codex and Egyptian Standards (E.S. 2732-1/2015).

Items	Unit	Specification	Method of Testing
Appearance	-	White Crystalline	Visual Assessment
Assay (NaCl)	% w/w	99.2 min	ASTM E 534
Surface Moisture (H2O)	% w/w	0.2 max	ISO- 2483
Insoluble Matter	% w/w	0.03 max	ISO- 2479
Alkalinity (Na2CO3)	% w/w	0.03 max	ISO- 3240
Sulphate (Na2SO4)	% w/w	0.4 max	ISO- 2480
Calcium (Ca)	% w/w	0.005 max	ISO- 2482
Magnesium (Mg)	% w/w	0.12 max	ISO- 2482
Total Iron (Fe)	mg/kg	2.0 max	ISO- 3239
Total Copper (Cu)	mg/kg	2.0 max	EPA -3111
Total Arsenic (As)	mg/kg	0.05 max	EPA -3111
Total Lead (Pb)	mg/kg	0.05 max	EPA -3111
Total Cadmium (Cd)	mg/kg	0.02 max	EPA -3111

Product Name	PDV TABLET SALT
Type	Type C
Grade	Food Grade / High Purity Vacuum
Chemical Name	Sodium Chloride
Chemical Formula	NaCl
CAS Number	7647-14-5
HS Code	2501.00
Manufacturer	White Salt - Egypt

2. CHEMICAL SPECIFICATION - CONTINUED

Items	Unit	Specification	Method of Testing
Total Mercury (Hg)	mg/kg	0.05 max	EPA -3111
Na ₂ S ₂ O ₃	%	0.05 - 0.07	-

3. PHYSICAL SPECIFICATION

Typical Bulk Density	1.18 - 1.23 g/cm ³
Sieve Analysis (On 400 um)	50% min (ASTM C 136)
Sieve Analysis (Passing 212 um)	5% max (ASTM C 136)
Color	Pure White
Odor	Odorless

4. APPLICATIONS

Food Processing	Ideal for seasoning, preservation, and industrial food production
Chemical Industry	High-purity raw material for chemical synthesis
Water Treatment	Suitable for specialized water purification processes
Industrial Manufacturing	Used in textile, leather, and detergent industries

5. PACKAGING & STORAGE

Packaging	Standard 25 kg or 50 kg food-grade bags
Storage	Store in a cool, dry, and clean area. Protect from humidity.
Shelf Life	24 months from production date
Handling	Ensure proper sealing after use to prevent moisture absorption

6. TECHNICAL NOTES

PDV-C STANDARD

High-purity vacuum salt with fine crystalline structure.

PURITY

Minimum 99.2% NaCl content on a dry basis.

PARTICLE SIZE

Controlled sieve analysis ensures optimal flow and dissolution.

COMPLIANCE

Manufactured under ISO 9001, 14001, and FSSC 22000 standards.

7. QUALITY ASSURANCE

This product is verified to comply with Egyptian and International standards for vacuum salt. Regular laboratory testing ensures that all chemical and physical parameters remain within the specified ranges for every production batch.

WHITE SALT CONTACT INFORMATION

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DISCLAIMER

The information provided in this Technical Data Sheet is based on official laboratory test results and is accurate to the best of our knowledge. Users are advised to conduct their own tests to determine the suitability of the product for their specific applications. White Salt assumes no liability for any damages resulting from the use of this product.