

TECHNICAL DATA SHEET

PDV TABLET SALT

Type B | Food Grade | High Purity Sodium Chloride Vacuum Tablets

PRODUCT TYPE: PDV TABLET SALT - TYPE B

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 B

NACL RESULT

99.5% min

CAS NUMBER

7647-14-5

HS CODE

2501.00

1. PRODUCT DESCRIPTION

White Salt PDV-B Tablet Salt is a premium high-purity vacuum salt product. It is specifically manufactured to meet stringent food-grade and industrial standards. These tablets are ideal for high-efficiency water softening systems, chemical processes, and food applications where maximum purity and controlled dissolution are required. The vacuum process ensures a consistent crystal structure and minimal impurities.



PDV TABLET SALT

TYPE B

|                  |                                 |
|------------------|---------------------------------|
| Product Name     | PDV TABLET SALT                 |
| Type             | Type B                          |
| 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

All values except moisture are calculated on a dry basis. Test methods follow Codex and Egyptian Standards (E.S. 273/2015).

| Items                | Unit  | Specification     | Method of Testing |
|----------------------|-------|-------------------|-------------------|
| Appearance           | -     | White Crystalline | Visual Assessment |
| Assay (NaCl)         | % w/w | 99.5 min          | ASTM E 534        |
| Moisture (H2O)       | % w/w | 0.2 max           | ISO 2483          |
| Insoluble Matter     | mg/kg | 300 (0.03%) max   | ISO 2479          |
| Alkalinity (Na2CO3)  | mg/kg | 300 (0.03%) max   | ISO 3240          |
| Total Calcium (Ca)   | mg/kg | 50 (0.005%) max   | ISO 2482          |
| Total Magnesium (Mg) | mg/kg | 800 (0.08%) 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 | 0.05 max          | EPA -3111         |

## 2. CHEMICAL SPECIFICATION - CONTINUED

| Items              | Unit  | Specification | Method of Testing |
|--------------------|-------|---------------|-------------------|
| Total Mercury (Hg) | mg/kg | 0.05 max      | EPA -3111         |

## 3. PHYSICAL SPECIFICATION

|                  |               |
|------------------|---------------|
| Tablet Weight    | 10.0 - 13.0 g |
| Tablet Diameter  | 25 mm         |
| Tablet Thickness | 14 mm max     |
| Color            | Pure White    |
| Odor             | Odorless      |

## 4. APPLICATIONS

|                   |                                                            |
|-------------------|------------------------------------------------------------|
| Water Softening   | High-efficiency ion exchange resins and water treatment    |
| Food Processing   | Suitable for food grade applications requiring high purity |
| Chemical Industry | Raw material for various chemical manufacturing processes  |
| Pool & Spa        | Premium treatment for recreational water systems           |

## 5. PACKAGING & STORAGE

|            |                                                          |
|------------|----------------------------------------------------------|
| Packaging  | Standard 25 kg food-grade bags or custom packaging       |
| Storage    | Store in a dry, clean environment away from contaminants |
| Shelf Life | 24 months from production date                           |
| Handling   | Avoid excessive impact to maintain tablet shape          |

## 6. TECHNICAL NOTES

### PDV-B STANDARD

This product meets the PDV-B specification for high-purity vacuum salt.

### SOLUBILITY

Rapid and complete solubility ensures no clogging in automated systems.

### COMPLIANCE

Manufactured in accordance with ISO 9001 and FSSC 22000 standards.

### PURITY

Extremely low levels of heavy metals and insolubles (max 0.03%).

## WHITE SALT CONTACT INFORMATION

### OFFICE

Mall Administrative Basin,  
Burj Al Arab District,  
Building, 3rd Floor,  
Alexandria, EGYPT, Office D7

### FACTORY

Egypt, Damietta, Elsiad  
Sokra and Abu Hamad

### PHONE

+201277411060

### EMAIL / WEBSITE

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## 7. QUALITY ASSURANCE

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

## 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.

|                        |                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------|
| <b>Certifying Body</b> | GOEIC - General Organization for Export and Import Control                                      |
| <b>Lab Name</b>        | Food Chemical Lab - Damietta Branch                                                             |
| <b>Conformity</b>      | Statement of Conformity No. 183-2/2025<br>(Example, to be confirmed if actual document has one) |