

TECHNICAL DATA SHEET

PDV TABLET SALT

Type A | Food Grade | High Purity Sodium Chloride (NaCl)

PRODUCT TYPE: PDV TABLET SALT - TYPE A

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<br>PDV Tablet Salt<br>Type A | NACL RESULT<br>99.90% | CAS NUMBER<br>7647-14-5 | HS CODE<br>2501.00 |
|-----------------------------------|-----------------------|-------------------------|--------------------|

1. PRODUCT DESCRIPTION

2. CHEMICAL COMPOSITION

White Salt PDV Tablet Salt Type A is a high-purity food-grade product manufactured from premium quality Egyptian salt. It is specifically processed to meet the highest standards of purity and consistency. The tablets are ideal for water softening, industrial applications, and food-related processes where high-purity sodium chloride is essential. They are designed to dissolve evenly without leaving any insoluble residue.



|                  |                          |
|------------------|--------------------------|
| Product Name     | PDV TABLET SALT          |
| Type             | Type A                   |
| Grade            | Food Grade (High Purity) |
| Chemical Name    | Sodium Chloride          |
| Chemical Formula | NaCl                     |
| Manufacturer     | White Salt - Egypt       |

Based on official laboratory analysis conducted by the General Organization for Export and Import Control (GOEIC) - Food Chemical Lab, Damietta Branch.

| Parameter                    | Specification | Result (%)   |
|------------------------------|---------------|--------------|
| Chloride as NaCl (Dry Basis) | 99.7% min     | 99.90%       |
| Magnesium (Mg2+)             | 0.010%        | 0.004%       |
| Calcium (Ca2+)               | 0.003% max    | 0.002%       |
| Sulphate (SO4)               | 0.05% max     | 0.02%        |
| Water Insoluble              | 0.01%         | 0.001%       |
| Moisture                     | 0.2% max      | 0.10%        |
| Iron (Fe)                    | < 2 ppm       | 1 ppm        |
| Copper (Cu)                  | < 2 ppm       | Not detected |
| Lead (Pb)                    | < 2 ppm       | Not detected |

## 2. CHEMICAL COMPOSITION - CONTINUED

| Parameter    | Specification | Result (%)   |
|--------------|---------------|--------------|
| Arsenic (As) | < 0.3 ppm     | Not detected |
| Mercury (Hg) | < 0.05 ppm    | Not detected |
| Zinc (Zn)    | < 0.05 ppm    | Not detected |
| Cadmium (Cd) | < 0.5 ppm     | 0.013        |

## 3. PHYSICAL PROPERTIES

|                       |                       |
|-----------------------|-----------------------|
| Physical State        | Solid (Tablets)       |
| Color                 | Pure White            |
| Odor                  | Odorless              |
| Tablet Diameter       | 25 mm                 |
| Tablet Height         | 15 mm                 |
| Tablet Weight         | 14 gm                 |
| Granulometry < 0.5 cm | max. 5.0% (Result: 2) |

## 4. APPLICATIONS

|                 |                                                             |
|-----------------|-------------------------------------------------------------|
| Water Softening | Ideal for ion exchange resins and water treatment systems.  |
| Food Industry   | Suitable for food processing and preservation (Food Grade). |
| Industrial Use  | High-precision industrial chemical processes.               |
| Pool Treatment  | Premium swimming pool and recreational water treatment.     |

## 5. PACKAGING & STORAGE

|                    |                                                                      |
|--------------------|----------------------------------------------------------------------|
| Packaging          | Food-grade transparent plastic bags (25 kg) or custom sizes.         |
| Storage Conditions | Store in a cool, dry, well-ventilated area. Keep away from moisture. |
| Shelf Life         | 24 months from production date when stored correctly.                |
| Handling           | Handle with care to maintain tablet integrity.                       |

## TYPE

**PDV Tablet Salt  
Type A**

## ORIGIN

**Egypt**

## 6. IMPORTANT TECHNICAL NOTES

### PURITY

This product is classified as PDV Tablet Salt Type A, based on Pure PDV (Pure Dried Vacuum) salt, ensuring the lowest possible impurity levels.

### FOOD SAFETY

Fully compliant with Food Grade standards, suitable for applications requiring direct or indirect food contact.

### SOLUBILITY

100% soluble in water, leaving no residue that could clog valves or damage sensitive equipment.

### QUALITY CONTROL

Each batch undergoes rigorous testing to ensure consistent chemical and physical properties.

## 7. QUALITY ASSURANCE

This product has been tested and verified by the Egyptian Ministry of Investment and Foreign Trade through the General Organization for Export and Import Control (GOEIC). The extremely low level of impurities (0.01%) and high sodium chloride content (99.90%) ensure optimal performance and compliance with international standards for salt purity, including ISO and AOAC methodologies.

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| <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                     |

## WHITE SALT CONTACT INFORMATION

### OFFICE

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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.