



## Certificate Of Analysis

### Product Features:

<b>Product Name:</b>	Caustic Soda (Sodium Hydroxide)
<b>Description:</b>	White Pearls
<b>Manufacture Date:</b>	2020-03-25
<b>Expiry Date:</b>	2022-03-24
<b>Molecular Formula:</b>	NaOH
<b>Molecular Weight:</b>	40.0
<b>Quantity:</b>	150 tons
<b>Grade:</b>	Industry
<b>UN Number:</b>	1823
<b>CAS Number:</b>	1310-73-2

### Specifications: Analysis

ITEM	STANDARD	RESULT	UNIT
APPEARANCE	White Pearls	White Pearls	% w
ASSAY (AS NaOH):	99 Min	99.21	% w
SODIUM CARBONATE (Na <sub>2</sub> CO <sub>3</sub> ):	0.5 Max	0.31	% w
SODIUM CHLORIDE (NaCl):	0.03 Max	0.02	% w
IRON TRIOXIDE (Fe <sub>2</sub> O <sub>3</sub> ):	0.005	0.002	% w
ARSENIC (AS)	0.00	0.00	% w
HEAVY METAL (AS Pb)	0.00	0.00	% w
INSOLUBLE SUBSTANCE AND ORGANIC IMPURITIES	0.00	0.00	% w
MERCURY (Hg)	0.00	0.00	% w



# THE TNN DEVELOPMENT LIMITED

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## ALLERGEN DECLARATION

**PRODUCT NAME:** Caustic Soda Pearls

**1. The starting material (source) is:**

All-natural

Synthetic

Mineral-based:

Animal-based: \_\_\_\_\_

Vegetable-based: \_\_\_\_\_

Please note that there may be several steps before the raw material is produced and access to data on manufacturing raw materials is not easily obtained for the starting materials and intermediates used in the production process.

No raw material sourced or derived from animals are used in the manufacturing. Hence, the materials used in the production of have demonstrated compliance with the note for the guidance on minimizing the risk of transmitting animal spongiform encephalopathy agents via human and veterinary medicinal products.

The following items are not used in the manufacturing process of the product, and although manufacturer does not specifically assay for the presence of the items below, it is unlikely that any traces of these items are present in the starting materials or in the end product –

**2. The product is unlikely to contain the following -**

Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and products thereof

Crustaceans and products thereof

Corn

Celery and products thereof

Soybeans and products thereof

Yeast

Fish and products thereof

Eggs and products thereof

Dairy Products (Milk, Lactose, Caseinates, Whey)

Sugar

Sodium/Salt

Peanuts and products thereof

Tree nuts (oils) or derivatives

Mustard and products thereof

Sesame Oil

Sunflower Oil

Sulfites/Bisulfites

Artificial Colours and Flavours

Genetically-modified organisms (GMOs)

Beef/Chicken/Pork derivatives

Seafood derivatives

**3. The product is made via:**

Chemical Synthesis

Chemical Extraction

Other:       n/a      

Please be advised that The TNN Development Limited has not tested for the presence of the above stated allergens. Therefore, this statement is provided for **informational purposes** only and is not meant to be a guarantee of absence of the above stated allergens.

Version: 01

Issued Date: 11/11/2020

Supersedes Date: Not applicable