

## Technical Information

### Sodium Bicarbonate

Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications

Product Code:TC1230M

### Product Information

Product Code	: TC1230M
Product Name	: Sodium Bicarbonate Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing Specifications
Synonym	: Sodium hydrogen carbonate
Molecular Formula	: NaHCO <sub>3</sub>
Molecular Weight	: 84.01
CAS No.	: 144-55-8

### Technical Specification

Appearance	: A white crystalline powder or crystals or solid.
Solubility	: 10 % solution in water is clear and colourless.
Minimum assay (HCL, Titration)	: 99.50 %
pH (5% in water at 20°C)	: 7.50 – 8.50
Identification A for Sodium	: A dense precipitate is formed
Identification B for Bicarbonate	: It produce a white precipitate immediately
Chloride (Cl)	: <= 0.015 %
Sulfate (SO <sub>4</sub> )	: <= 0.015 %
Cell Culture Test	: Passes test

### Risk And Safety Information

WGK	: 1
RTECS	: VZ0950000
Storage Temperature(°C)	: Store below 30°C

### Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

### Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
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