



# Chemrich

GSTIN : 24CSYPM9949Q1Z5

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Regd. Off. &amp; Factory : Plot No. 3311, GIDC Estate, Panoli-394116, Tal-Ankleshwar, Gujarat



License Number-10725997000512

**SPECIFICATIONS :****Product Name: Sodium Bicarbonate****Grade : FCC Grade****CAS No. : 144-55-8****Molecular formula :  $\text{NaHCO}_3$** **Molecular weight : 84.01 g/mol****Tests And Average results**

<b>SL#</b>	<b>Tests</b>	<b>Average Results</b>	<b>Acceptance criteria</b>
<b>1</b>	Description	white, crystalline powder or granules with a slightly alkaline taste	occurs as a white, crystalline powder. Stable in dry air
<b>2</b>	Solubility	Complies	It is soluble in water and insoluble in alcohol.
<b>3</b>	pH of a 1:20 aqueous solution	8.5	8.3 to 8.6
<b>4</b>	Identification	Complies	1:10 aqueous solution gives positive tests for Sodium and for Bicarbonate.
<b>5</b>	Loss on Drying	Complies	Not more than 0.25%
<b>6</b>	Insoluble Substances	Complies	Passes test.
<b>7</b>	Chlorides	Complies	Not more than 150mg/kg.
<b>8</b>	Lead	Complies	Not more than 2 mg/kg.
<b>9</b>	Assay Dry Basis	99.4%	Not less than 99.0% and not more than 100.5%

**Prepared by: Mr. Karmakar****Date: 01.01.2025****Reviewed and released by****Mr. Eshan Makani****(Director – Technical)****Date : 01.01.2025**