

# MIT-IVY INDUSTRY CO.,LTD

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## CERTIFICATE OF ANALYSIS

NAME OF COMMODITY:

Sodium bicarbonate

**144-55-8**

### Chemical Composition A

<u>Parameter</u>	<u>USP Standard</u>	<u>BP Standard</u>	<u>Typical Results</u>
1 Content Of Chloride	≤ 0.015%	≤ 0.015%	0.01%
1 Purity Of NaHCO <sub>3</sub> (Dried)	99.0 %-100.5%	99.0 %-101%	99.20%
1 Loss On Dry	≤ 0.25 %	≤ 0.25 %	0.01%
1 PH Value (5% Solution)	7.9-8.4	≤ 8.6	8.18
1 Content Of Carbonate	Pass Test	Pass Test	Pass
1 Ammonia Smell	None	None	None
1 Content Of Ammonium Sulfate	≤ 2ppm	≤ 2ppm	0
1 Bulk Density	≥ 1.10 g/ml	-	1.26
1 Flow-ability	≤ 45 °C	-	39
1 Content Of Heavy Metals	≤ 5 ppm	≤ 1 ppm	Qualified
1 Content Of As	≤ 2ppm	≤ 2ppm	Qualified
1 Content Of Iron	≤ 5ppm	≤ 20ppm	Qualified
1 Content Of Aluminum	≤ 2ppm	-	Qualified
1 Content Of Calcium & Magnesium	≤ 0.004 %	≤ 0.01%	Qualified
1 Content Of Sulfur Compounds	≤ 0.015%	≤ 0.015%	Qualified
1 Content Of Copper	≤ 1ppm	-	Qualified
1 Content Of Organics	≤ 1 ppm	-	Qualified
1 Insoluble Substances	Complete Clear	Complete Clear	Qualified