

CERTIFICATE OF ANALYSIS

Product Name	Sodium Bicarbonate	Batch No	PY-SO20210125
Quantity	1000KG	Analysis Date	Jan.28,2021
Mfg. Date	Jan.25,2021	Exp. Date	Jan.24,2023
Package	25kg/Drum	Standard	BP2016

No.	Item	Specification	Result
1.	Appearance	White crystalline powder	Complies
2.	Identification	Positive	Positive
3.	Solubility	Soluble in water, practically insoluble in alcohol, when heated in the dry state or in solution, it gradually changes into sodium carbonate.	Complies
4.	Appearance of Solution	Complies	Complies
5.	Loss on Drying	≤0.25%	0.09%
6.	pH	≤8.6	8.2
7.	Heavy Metals	≤10ppm	<10ppm
8.	As	≤2ppm	<2ppm
9.	Chloride	≤0.015%	<0.015%
10.	Ammonium(NH ₄)	≤0.002%	<0.002%
11.	Sulfate(SO ₄)	≤0.015%	<0.015%
12.	Iron(Fe)	≤0.002%	<0.002%
13.	Calcium	≤0.01%	<0.01%
14.	Bacterial Endotoxins	≤0.25EU/ml	<0.25EU/ml
15.	Microbial Limit	≤500cfu/g	<500cfu/g
16.	Yeasts & Molds	≤100cfu/g	<100cfu/g
17.	Assay	99.0%-101.0%	99.8%
18.	Conclusion	Conform to the BP2016 Standard.	

Analyst: xuli

QC: lixiaochen