



CERTIFICATE OF QUALITY FOR SODIUM BICARBONATE EP/USP- MEDIUM GRANULAR GRADE

| | | | | | |
|---------------|--------------------------|-------------|----------------------------|--|--|
| OUR ORDER NO. | 3010098479 | ITEM NO | 3195SB01852 | | |
| CUSTOMER REF. | 4760813 | | | | |
| QUANTITY | 2.000 | PACKAGE | 42 X 25 KG SACKS HT PALLET | | |
| BATCH NUMBERS | 0000063374 | 0000063415 | | | |
| PACK DATES | 03-AUG-2020 | 09-AUG-2020 | | | |
| RETEST DATE | 24 Months from pack date | | | | |
| CUSTOMER INFO | | | | | |

This certificate confirms that the above product complies with the following limits:

CHEMICAL COMPOSITION

| | | | <u>Limit</u> | |
|--------------------------------------|--|-------|---|-----|
| Identification | Gives reactions characteristic of sodium salts and of bicarbonates | | | |
| Sodium Bicarbonate | NaHCO ₃ | % | 99.0-100.5 | |
| Loss on Drying | Weight Loss | % | 0.25 | max |
| Ammonium | NH ₄ | mg/kg | 20 | max |
| Arsenic | As | mg/kg | 2 | max |
| Calcium | Ca | mg/kg | 100 | max |
| Chloride | Cl | mg/kg | 150 | max |
| Mercury* | Hg | mg/kg | 1 | max |
| Lead | Pb | mg/kg | 2 | max |
| Iron | Fe | mg/kg | 20 | max |
| Sulphate/Limit of sulphur compounds | SO ₄ | mg/kg | 150 | max |
| pH of a freshly prepared 5% Solution | | | 8.6 | max |
| Normal Carbonate | | | passes test | |
| Residual solvents (USP) | | | Meets the requirements | |
| Insoluble Substances | | | 1g dissolves completely in 20 ml. of water to give a clear solution | |

PARTICLE SIZE

| | <u>Microns</u> | <u>% by Weight*</u> | |
|-------------|----------------|---------------------|-----|
| Retained on | 250 | 5.0 | max |
| Passing | 63 | 15.0 | max |

* Limits expressed as non-cumulative values

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