

Product Specification

Product Name:

Sodium bicarbonate - powder, BioReagent, for molecular biology, suitable for cell culture, suitable for insect cell culture

Product Number:**S5761****CAS Number:**

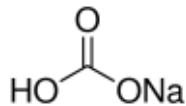
144-55-8

MDL:

MFCD00003528

Formula:CHNaO₃**Formula Weight:**

84.01 g/mol



| TEST | Specification |
|---|-----------------------|
| ICP | ≤ 10 ppm |
| (Total: Ag, As, Bi, Cd, Cu, Hg, Mo, Pb, Sb, Sn) | |
| Appearance (Color) | White |
| Appearance (Form) | Powder |
| Solubility (Color) | Colorless |
| Solubility (Turbidity) | Clear |
| 100 mg/mL, H ₂ O | |
| Infrared spectrum | Conforms to Structure |
| Titration with HCl | 99.5 - 100.5 % |
| Potassium (K) | ≤ 0.005 % |
| Iron (Fe) | ≤ 0.0005 % |
| Cell by Hemocytometry | Pass |
| Insect Cell Test | Pass |
| DNase, Exonuclease Detection | None Detected |
| NICKase, Endonuclease Detection | None Detected |
| RNAse Detection | None Detected |
| Protease Detection | None Detected |
| Sulfate | < = 0.003% |
| < or = 0.003% | |
| Total Aerobic Microbial Count | ≤ 1 |
| CFU/Plate | |
| Recommended Retest Period | ----- |
| 5 years | |