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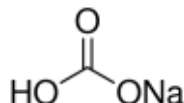
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## Certificate of Analysis

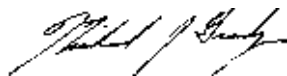
Product Name:

Sodium bicarbonate – anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99.7%

**Product Number:** 792519  
**Batch Number:** SLBZ5815  
**Brand:** SIGALD  
**CAS Number:** 144-55-8  
**Formula:** CHNaO3  
**Formula Weight:** 84.01 g/mol  
**Quality Release Date:** 08 JUL 2019  
**Recommended Retest Date:** OCT 2023



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Titration with HCl (Dried Basis)	99.7 - 100.3 %	100.0 %
Insoluble Matter	≤ 0.015 %	< 0.015 %
Chloride (Cl)	≤ 0.003 %	< 0.003 %
Phosphate (PO4)	≤ 0.001 %	< 0.001 %
Sulfur Compounds	≤ 0.003 %	< 0.003 %
Ammonium	≤ 5 ppm	< 5 ppm
Iron (Fe)	≤ 0.001 %	< 0.001 %
Heavy Metals (by ICP-OES)	< = 5 ppm	< 5 ppm
Potassium (K)	≤ 0.005 %	< 0.005 %
Calcium (Ca)	≤ 0.02 %	< 0.02 %
Magnesium (Mg)	≤ 0.005 %	< 0.005 %
Recommended Retest Period 5 Years	-----	-----



Michael Grady, Manager  
 Quality Control  
 Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.