



Certificate of Analysis

Product: Barium Chloride Crystal Dihydrate 99%
Item Number: C1910
Grade: ACS
Lot Number: 230306A
Manufacture Date: 12/01/2022
Expiration Date: 11/30/2027
Country of Origin: United States

Tested Property	Specification	Analysis
Description	White to Colorless Crystals	White Crystals
Loss on Drying @ 150°C	14.0 - 16.0%	14.8%
Assay	≥99.0%	99.4%
pH of 5% solution @ 25°C	5.2 - 8.2	6.72
Insoluble Matter	≤0.005%	<0.001%
Oxidizing Substances (as NO ₃)	≤0.005%	<0.005%
Calcium	≤0.05%	<0.01%
Potassium	≤0.0025%	0.0018%
Sodium	≤0.005%	≤0.003%
Strontium	≤0.1%	0.02%
Heavy metals (as Pb)	≤5 ppm	<4 ppm
Iron	≤2 ppm	<1 ppm

[Barium Chloride Crystal Dihydrate 99%](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

This document was electronically issued and is therefore valid without a signature.