

## Certificate of Analysis

**Product: Phenolphthalein Powder**  
**Item Number: C6020**  
**Grade: ACS**  
**Lot Number: 230420-1A**  
**Manufacture Date: 01/12/2021**  
**Expiration Date: 01/11/2026**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Description	White to Off-white Powder	White Powder
Identification A, B	To Pass Tests	Passes tests
Melting Point	258 - 263°C	261.3°- 263.0°C
Clarity of Solution	To Pass Test	Passes
Assay Phenolphthalein	97 - 101.0%	99.50%
Loss on Drying	≤1.0%	0.14%
Residue after ignition	≤0.1%	0.07%
Arsenic	≤8 ppm	<8ppm
Heavy Metals as Pb	≤0.0015%	<0.0010%
Visual Transition	pH 8.0 colorless - pH 10.0 red	conforms
Chromatographic Impurity	≤1.0%	Passes
Fluoran	To Pass Test	Passes
Organic Volatile Impurities	To Pass Test	Passes

### Phenolphthalein Powder

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.

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