

# Certificate of Analysis

**Product Name :** Chorismic acid from *Enterobacter aerogenes* ≥80%  
**Product Number :** C1761-BULK  
**Batch Number :** 0000110457  
**CAS Number :** 617-12-9  
**Storage Temperature :** Freezer -70°C  
**Molecular Formula :** C<sub>10</sub>H<sub>10</sub>O<sub>6</sub>  
**Formula Weight :** 226.18  
**Recommended Retest Date :** Dec 2022  
**Quality Release Date :** 20 Dec 2020

Test	Specification	Result
Appearance (Color)	White to Faint Yellow	Off-White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Faint Yellow	Colorless
Solubility (Turbidity) at 10 mg/ml of DMSO	Clear	Clear
Water (by Karl Fischer)	≤ 10.00 %	0.80 %
<sup>1</sup> H NMR Spectrum	Conforms to Structure	Conforms
Solvent Content (by <sup>1</sup> H NMR)	≤ 5.00 %	0.00 %
Purity (HPLC)	≥ 80.0 %	96.2 %



Anna Bendersky, Quality Control Manager

Quality Control

Israel

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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](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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