

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)

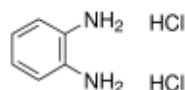
Email USA: [techserv@sial.com](mailto:techserv@sial.com)

Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
o-Phenylenediamine dihydrochloride - peroxidase substrate

**Product Number:** P1526  
**CAS Number:** 615-28-1  
**MDL:** MFCD00012966  
**Formula:** C<sub>6</sub>H<sub>8</sub>N<sub>2</sub> · 2HCl  
**Formula Weight:** 181.06 g/mol  
**Storage Temperature:** -20 °C



### TEST

### Specification

Appearance (Color)	White to Off White
Appearance (Form)	Solid
Solubility (Color)	Colorless to Very Faint Yellow
Solubility (Turbidity)	Clear
50 mg/ml, H <sub>2</sub> O	
<sup>1</sup> H NMR Spectrum	Conforms to Structure
Titration with AgNO <sub>3</sub>	38.2 - 39.9 %
Cl	
Purity (HPLC)	≥ 98 %
Recommended Retest Period	-----
4 years	

Specification: PRD.3.ZQ5.10000009407

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. 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.