

Certificate of Analysis

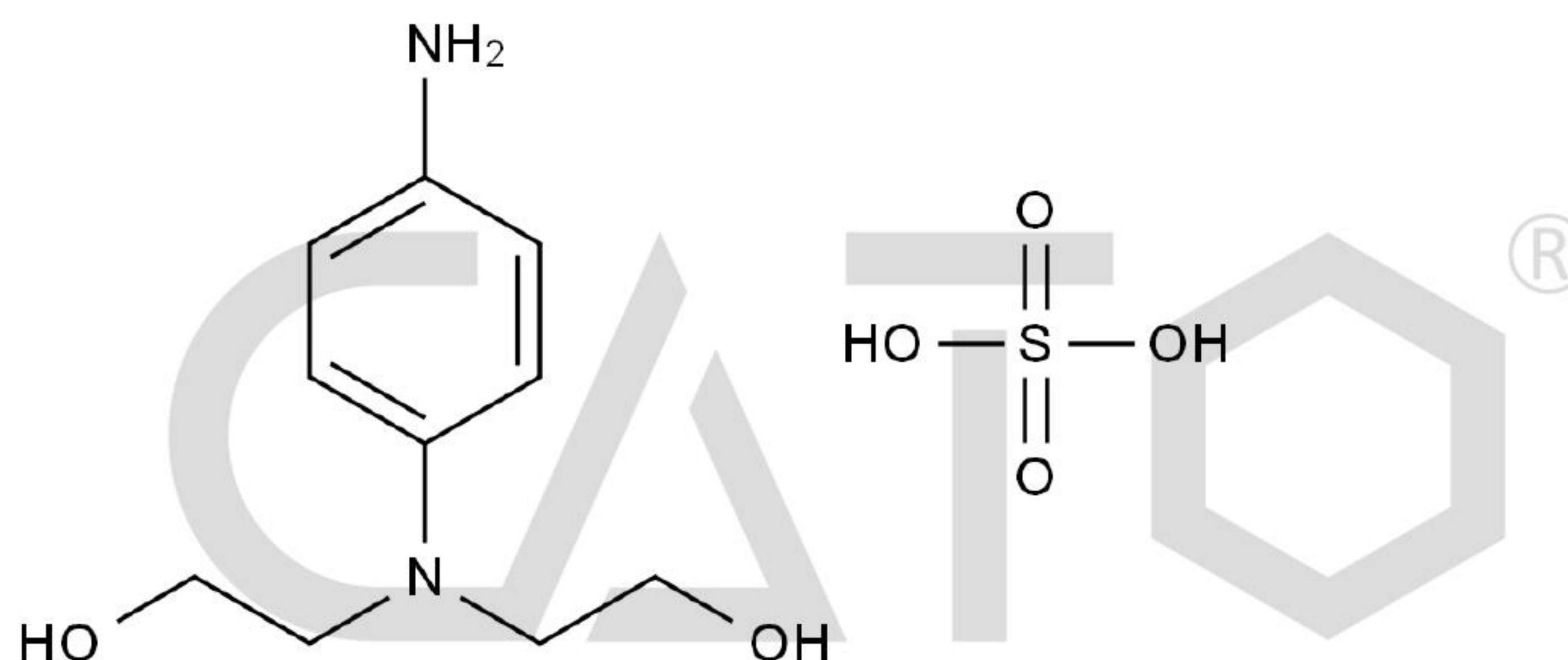
Reference Material & Standard

Product Name:	N,N-Bis(2-Hydroxyethyl)-P-Phenylenediamine Sulphate	Catalogue Number:	CCHM701315
Synonyms:	N/A	Lot Number:	0209-RH-0070
CAS Number:	54381-16-7	Expiry Date:	Feb 10, 2030
Molecular Formula:	C ₁₀ H ₁₆ N ₂ O ₂ H ₂ O ₄ S	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	196.25 98.08	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	92.9%
Uncertainty		±1.4%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Feb 11, 2026

Date: Feb 11, 2026

Date: Feb 11, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

