

Certificate of Analysis

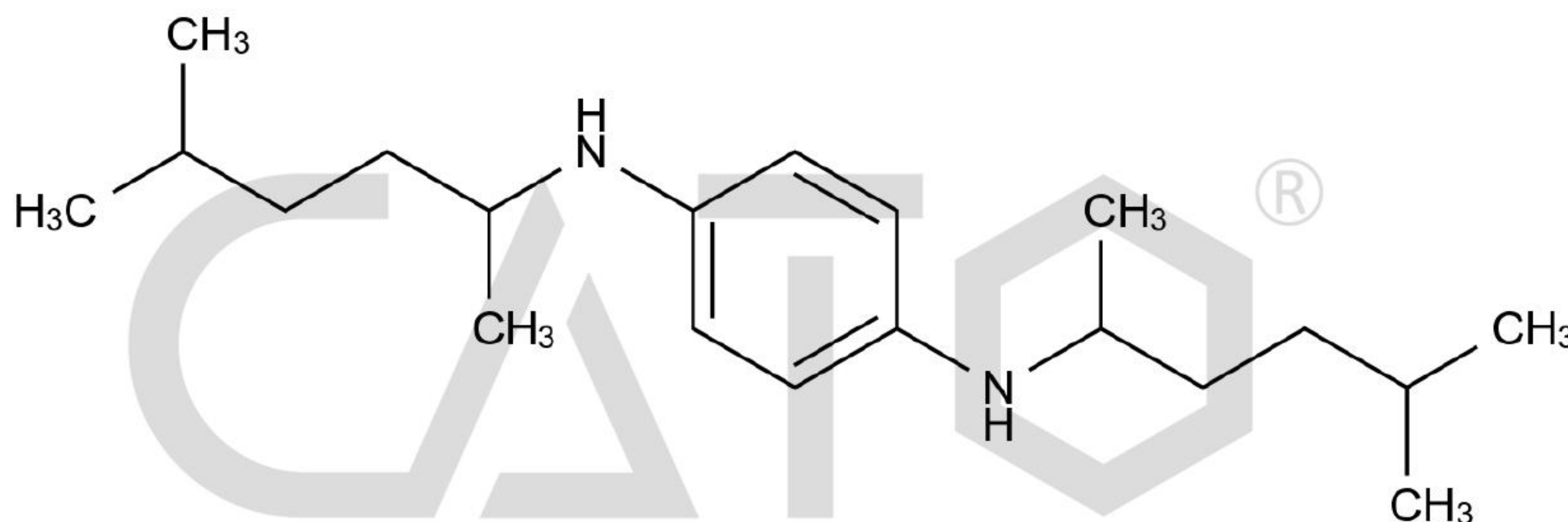
Reference Material & Standard

Product Name:	N,N'-Bis(1,4-dimethylpentyl)-p-phenylenediamine (77PD)	Catalogue Number:	C1894593
Synonyms:	N/A	Lot Number:	0914-RH-0053
CAS Number:	3081-14-9	Expiry Date:	Jan 26, 2029
Molecular Formula:	C ₂₀ H ₃₆ N ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	304.51	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Red-Brown Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.1%
Uncertainty		±0.6%

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:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Sep 16, 2026

Date: Sep 17, 2026

Date: Sep 17, 2026



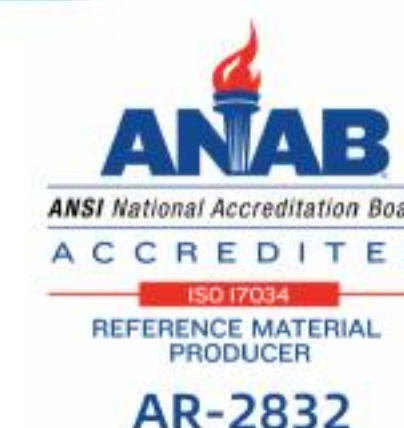
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

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