

Certificate of Analysis

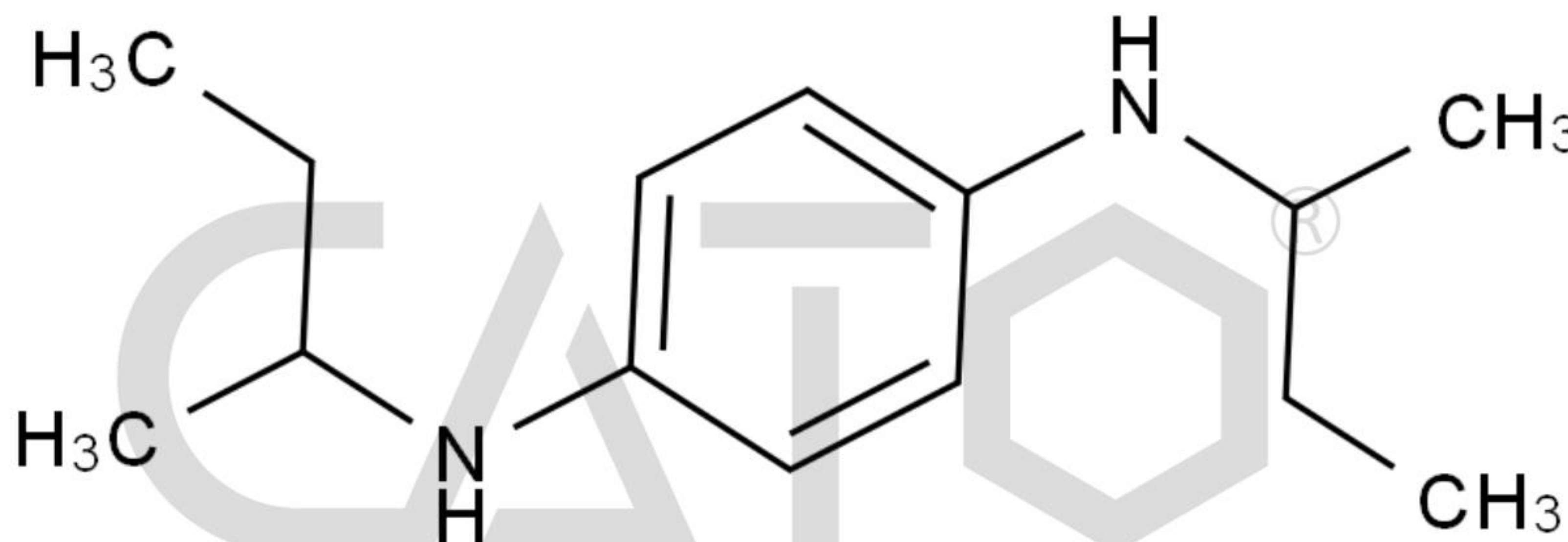
Reference Material & Standard

Product Name:	N,N'-Di-Sec-Butyl-P-Phenylenediamine	Catalogue Number:	CCPD101386
Synonyms:	N/A	Lot Number:	1029-RF-0078
CAS Number:	101-96-2	Expiry Date:	Nov 04, 2028
Molecular Formula:	C ₁₄ H ₂₄ N ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	220.35		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange-Red Liquid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	98.8%
Assay	qNMR	95.7%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. 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: Nov 05, 2024

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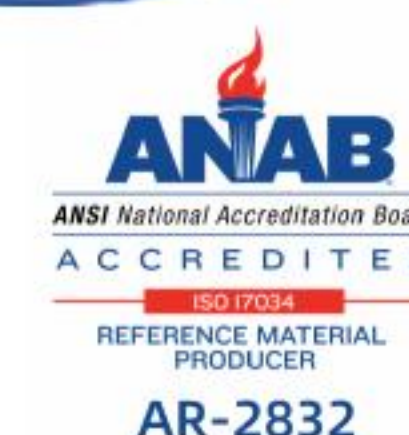
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