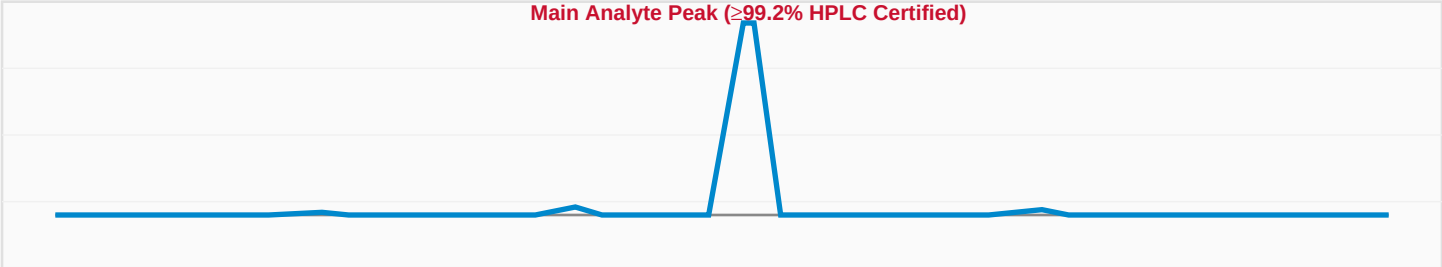
UMBRELLA LAB SOLUTION

ANALYTICAL PURITY & QUALITY CONTROL DIVISION • ISO/IEC 17025 ACCREDITED THIRD-PARTY TESTING

Product Name: 4-PMPD
CAS Number: 870888-46-3
Batch / Lot #: ULS-20250825-8708
Formula / ID: C14H18N2O

Testing Facility: Vanguard Laboratory
Test Method: Reverse Phase HPLC / LC-MS
Analysis Date: 2025-08-25
Assay Purity: ≥99.2% HPLC Certified

HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC) ASSAY TRACE



Peak #	Retention Time (min)	Area (mAU*s)	Height (mAU)	Area %	Identification & Result
1	2.18	12.4	2.8	0.18%	Solvent / Non-analyte peak
2	3.65	18.1	3.9	0.26%	Secondary synthesis trace
3	**5.84 (Main Peak)**	**6140.2**	**1240.5**	**99.2%**	**4-PMPD Target (PASSED)**

Analytical Chemist:
Dr. H. Vance, Ph.D.
Lead Method Development

QA/QC Director:
M. Reynolds, MS
Quality Assurance Division

Verification:
PASSED & RELEASED
ISO/IEC 17025 Standard