BioRegen
Independent Testing, Trusted Results

Certificate of Analysis
#12739 | **SIGMACOM1**

Client: Sigma Compounds

Sample received: **03/25/26**
Analysis conducted: **04/06/26**

Compound:	Methlyene Blue	CAS:	61-73-4
Batch/Lot #:	N/A	Formula:	C16H18ClN3S
Appearance:	Blue powder	Mol Wt:	319.85 g/mol

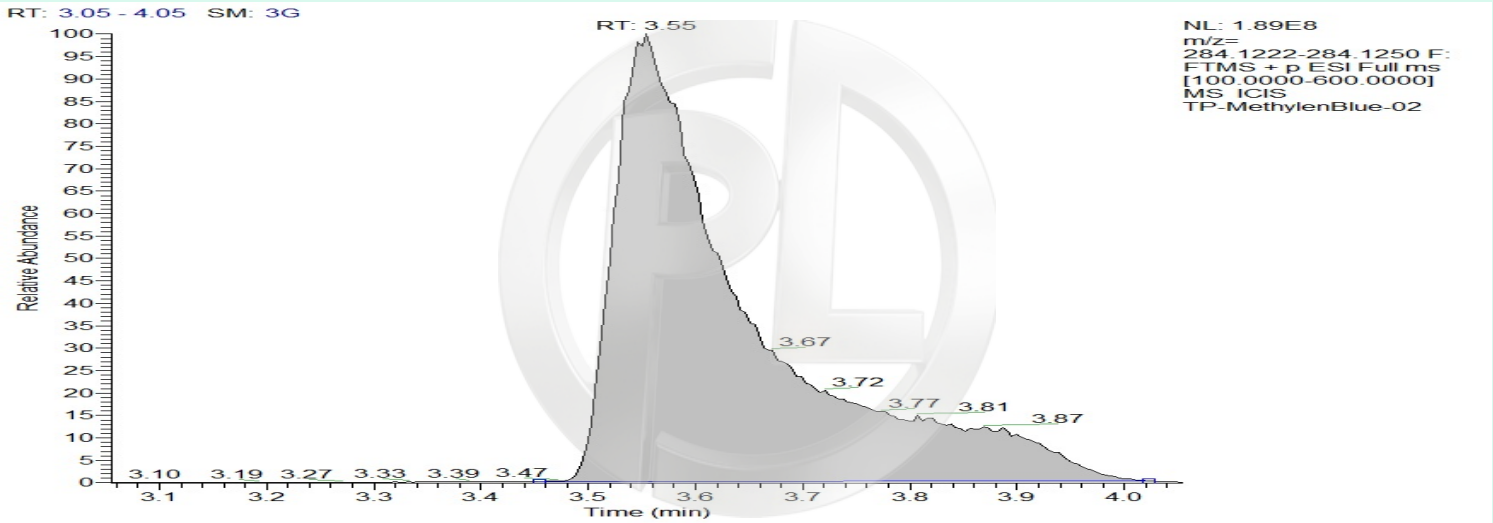
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 6099

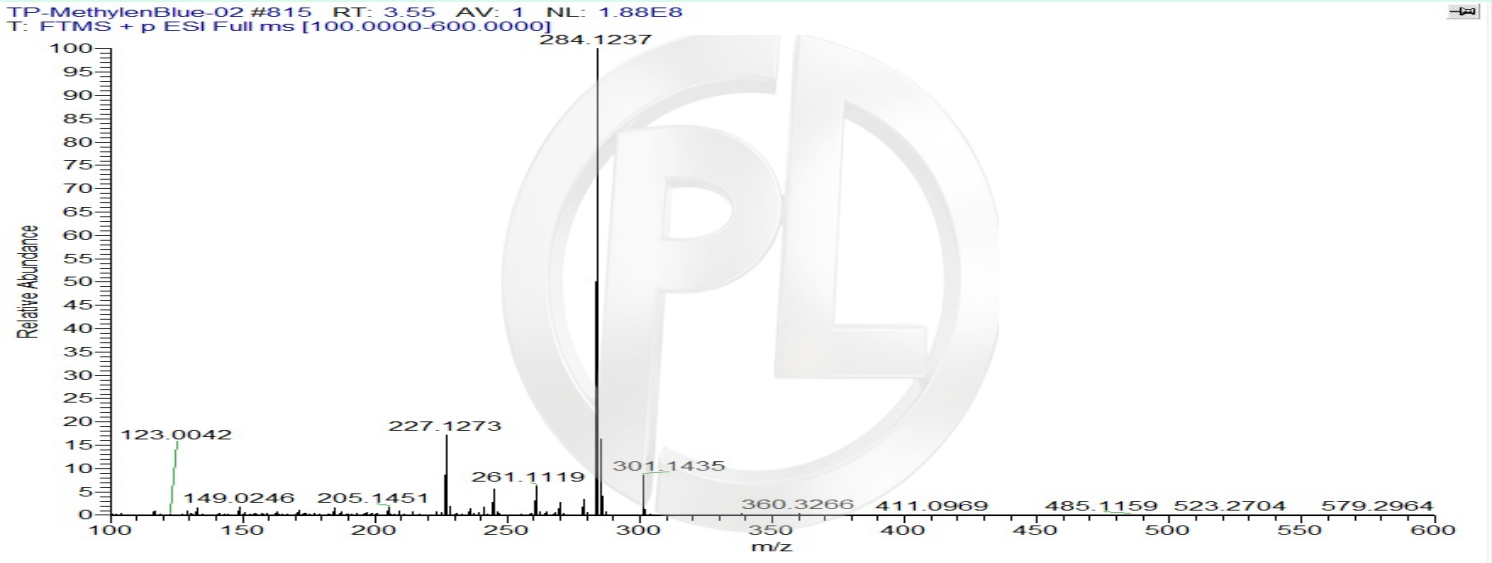
Methlyene Blue |C16H18ClN3S |6099

	Specification	Result	
Identity Test:	Methlyene Blue	**Methlyene Blue**	**Conforms**
Quantity:	Unknown	9.41 mg	**Conforms**
Purity:	>99%	**99.56%**	**Conforms**

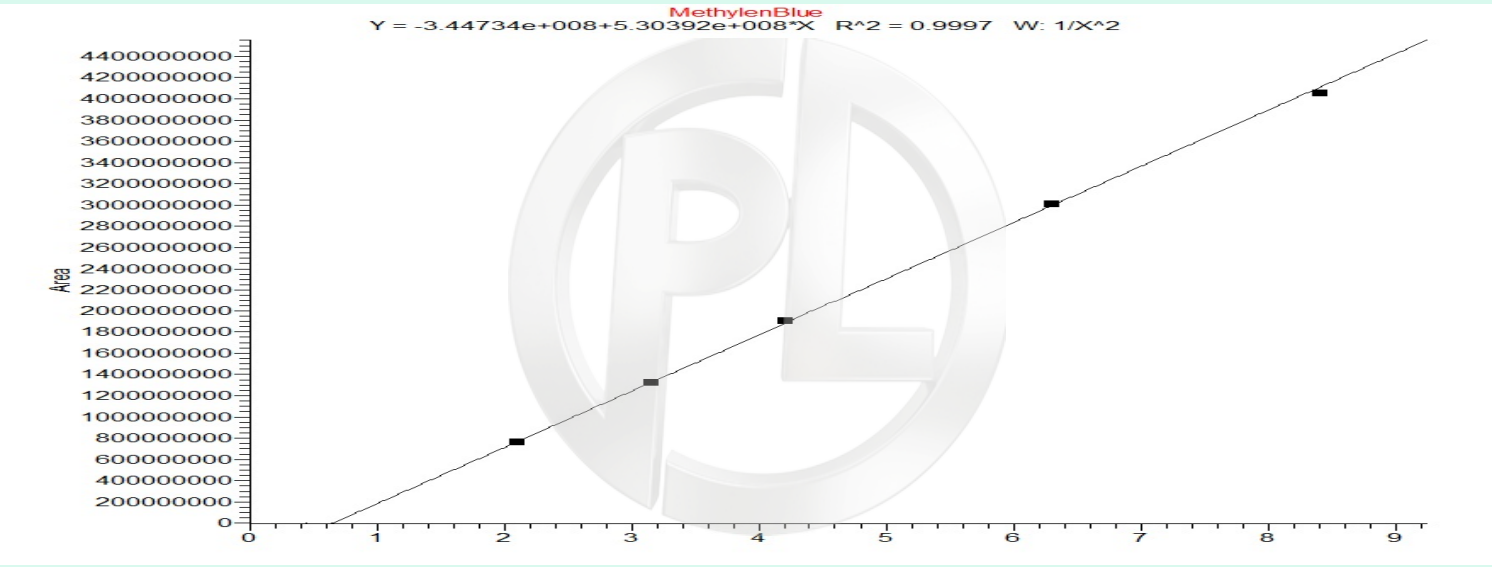
LC-MS Chromatogram and Retention Time Analysis



Full Scan Mass Spectrometry Analysis



Calibration Curve



Analysis Performed by
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COA **#12739**
Security Key **SIGMACOM1**
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