



Serving Scientific Community
Since 1985



TECHNO PHARMCHEM

An ISO 9001 : 2008 Certified Company

Registered Off. : 101-A, Deep Enclave, Pocket 'D', Ashok Vihar, Phase-III, Delhi-110 052 (India)
Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com
Website : www.technopharmchem.com

CERTIFICATE OF ANALYSIS

Name of the Sample : **Agarose Low EEO for Electrophoresis**
Batch No. : **228008**
Date of Mfg. : **Oct 2024**
Date of Exp : **Sep 2029**
Register No. : **2024-25**
Qty of Sample : **100gm**
Date of Analysis : **Oct 2024**

S. No	Test Parameters	Observed Values	Standard Values
1.	Appearance	Passes	White to off-white Free flowing powder
2.	Solubility (Turbidity) 1.5% aq. hot solution	Clear	Clear
3.	Solubility (Color) 1.5% aq. hot solution	Colorless	Colorless
4.	Gelling temperature	37.5°C	36 ± 1.5°C
5.	Loss on drying	8.6%	Max. 10%
6.	Sulphated Ash	0.48%	Max. 0.5%
7.	Sulphate (SO ₄)	0.14%	Max. 0.15%
8.	Gel strength (1.5% gel)	1200 g/cm ²	Min. 1200 g/cm ²
9.	Electroendosmosis EEO (-Mr)	0.102	0.09 - 0.13
10.	Absorbance (A) of 1.5% aq. solution at ~ 50°C in a 1cm cell v/s H ₂ O		
	@430nm	0.05	Max. 0.1
	@525nm	0.02	Max. 0.05
	@655nm	0.01	Max. 0.03
11.	DNase, RNase, Protease	Not detected	Not detected

Chief Chemist