

## 1282– AGAROSE, MEDIUM EEO (0.16-0.19)

REF NO: TBL/QA/SS/LC/1282	<b>STANDARD SPECIFICATION FOR AGAROSE, MEDIUM EEO (0.16-0.19)</b>	Rev. No: 03
Issue No: 04		Review Date: 29/10/2024
Issue Date: 30/10/2021		Product code: 1282

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	9012-36-6
<b>Chemical Formula</b>	C <sub>24</sub> H <sub>48</sub> O <sub>19</sub>
<b>Formula weight</b>	630.547
<b>Functional Uses</b>	Agarose has been used in gel electrophoresis and in the preparation of 2x agarose solution used along with 2x supplemented-MEM media as an overlay medium in plaque assay.
<b>Standard Packaging</b>	5 gm, 25 gm, 100 gm and 500 gm.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to off-white powder

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying	NMT – 10.0%
Sulphated Ash	NMT – 1.0%
Gelling temperature (1.5 %aq sol).	36±1.5°C
Gel Strength (1.5% gel).	NLT – 1500gm/cm <sup>2</sup>
Sulphate (SO <sub>4</sub> )	NMT – 0.2%
Electroendosmosis (EEO)	0.16 – 0.19

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.