

# Electrophoresis Agarose Specifications

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## HD Catalog 21XXX – High Melt/Wide Range

Moisture <7%  
 Ash <0.4%  
 EEO 0.05-0.13  
 Sulfate <0.14%  
 Clarity (1.5% NTU) <40  
 Gel strength 1% (g/cm2) >1200  
 Gel strength 1.5% (g/cm2) >2500  
 Gelling temperature 1.5% (°C) 36 ± 1.5  
 Melting temperature 1.5% (°C) 88 ± 1.5  
 DNase/RNase activity None detected  
 DNA resolution >1000bp Finely resolved  
 Gel background Very low

## HD Catalog 31XXX – High Melt/High Resolution

Moisture <7%  
 Ash <0.35%  
 EEO <0.12  
 Sulfate <0.11%  
 Clarity (NTU) <50  
 Gel strength 1.5%(g/cm2) >600  
 Gel strength 3.0%(g/cm2) >1500  
 Gelling temperature (°C) 35.5  
 Melting temperature (°C) 80  
 DNase/RNase activity None detected  
 DNA resolution 1.8% 500-1000bp  
 3% 150-600bp  
 4.5% 50-350bp  
 Gel background Very low

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## Specifications

Type	Main Application	Compare	Range	Resolve%	Resolve bp
REA-21000	General Use	SeaKem LE	200 bp - 10 Kb	10%	20-1000 bp
REA-31000	Small fragment resolution	NuSieve 3:1	10-1000 bp	1%	2-20 bp

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