

## 63043 Gelatine Ballistic 3

Powder gelatine

CAS No.: 9000-70-8  
 Appearance: white to yellowish powder  
 Grain size:  $\leq 3.0$  mm  
 Miscibility: soluble in warm water  
 Application: technical applications, tissue simulation and ballistic tests according to NATO, FBI and German Police TGR 9 mm  
 REACH: Polymer: exempted from registration

### Specification

Test Characteristics	Specification	Method
Gel strength	255 - 265 g Bloom	AOAC
Viscosity	3.40 – 4.60 mPa.s	6.67 %, 60°C
pH Value	4.70 – 5.70	6.67 %, 60°C
Transmission 620 nm	$\geq 93$ %	6.67 %, 620 nm
Transmission 450 nm	$\geq 83$ %	6.67 %, 450 nm
Conductivity	$\leq 300$ $\mu$ S/cm	1.00 %, 30°C
Moisture	9 – 13 %	$\geq 16$ h; 105°C
Peroxides*	$\leq 10$ mg/kg	Ph.Eur./USP-NF
Sulphur dioxide*	$\leq 10$ mg/kg	Ph.Eur./USP-NF
Arsenic*	$\leq 1.0$ mg/kg	ICP-OES
Cadmium*	$\leq 0.50$ mg/kg	ICP-OES
Chromium*	$\leq 10$ mg/kg	ICP-OES
Copper*	$\leq 30$ mg/kg	ICP-OES
Mercury*	$\leq 0.15$ mg/kg	ICP-OES/AAS
Lead*	$\leq 5.0$ mg/kg	ICP-OES
Zinc*	$\leq 50$ mg/kg	ICP-OES

\*The parameter is monitored according to an internal quality program

### Storage

Shelf life: at least 5 years when stored in the original packaging.

Store at room temperature, dry and odorless. Do not break seals until ready to dispense.