

**CERTIFICATE OF ANALYSIS**

Product Name	CALCIUM SULPHATE	Cas No	13397-24-5
Production batch	JL20231015	Production Date	20231015
Production quantity	3 tons	Report date	20231016
Clotting time	Initial setting time	≥60min	210min
	Final setting time	≤480min	225min
Water retention rate		≥80%	88%
strength	Flexural strength	≥2.0MPa	2.9MPa
	Compressive strength	≥4.0MPa	8.9MPa
	Tensile bond strength	≥0.4MPa	0.5MPa
Calcium sulfate content		≥30%	38%
pH value		≥7	12
radionuclide limits	Internal exposure index IRa	≤1.0	0.3
	External exposure index Ir	≤1.0	0.2
VOC content		≤10g/kg	not detected
Formaldehyde content		≤50mg/kg	not detected
Total content of benzene series [limited to benzene, toluene, xylene (including ethylbenzene)]		≤100mg/kg	not detected
Total lead (Pb) content		≤90mg/kg	not detected
Soluble heavy metal content	Cadmium (Cd) content	≤75mg/kg	not detected
	Chromium (Cr) content	≤60mg/kg	not detected
	Mercury (Hg) content	≤60mg/kg	not detected

Not checked out description:

VOC content &lt; 1g/kg

Formaldehyde content &lt; 5mg/kg

Benzene, toluene, xylene, ethylbenzene &lt; 20mg/kg

Total lead (Pb) content &lt; 5mg/kg

Soluble heavy metal content (cadmium &lt; 0.5, chromium &lt; 1.0, mercury &lt; 0.2) mg/kg

**Analyst: Wen Qian**
**Quality Assurance Officer: Zhan Peng**