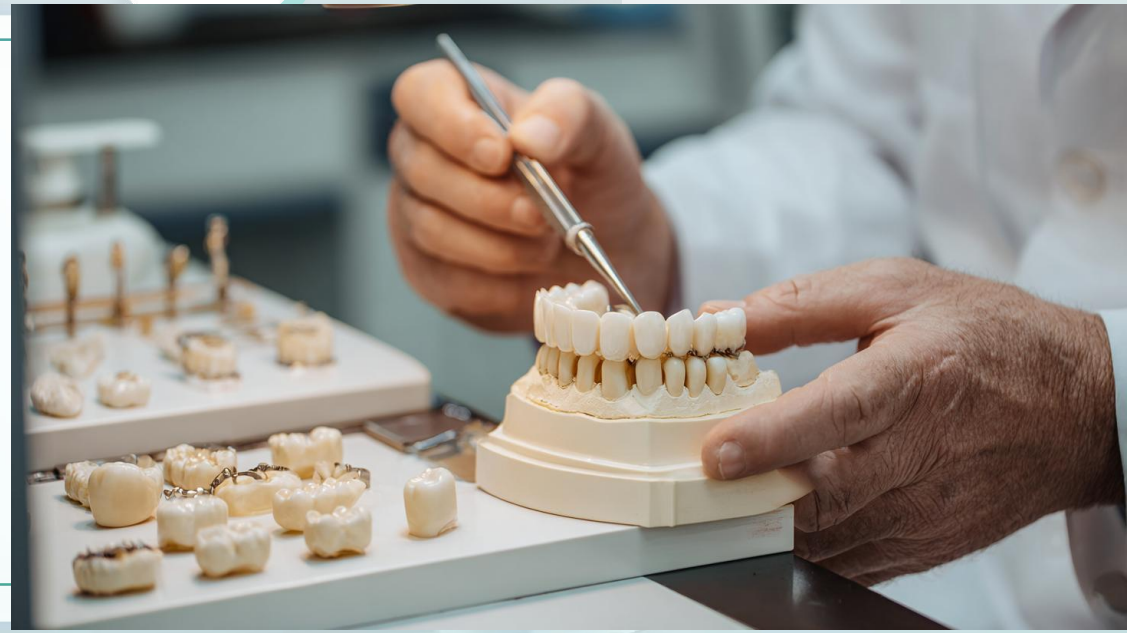
JEEDENT

Exploring the innovative world of dental materials and equipment



Website：https://jeedent.com/

E-mail：Eunice@jeedent.com/Sales@jeedent.com

Whatsapp:+86 18968015464

Company Introduction

Our Story

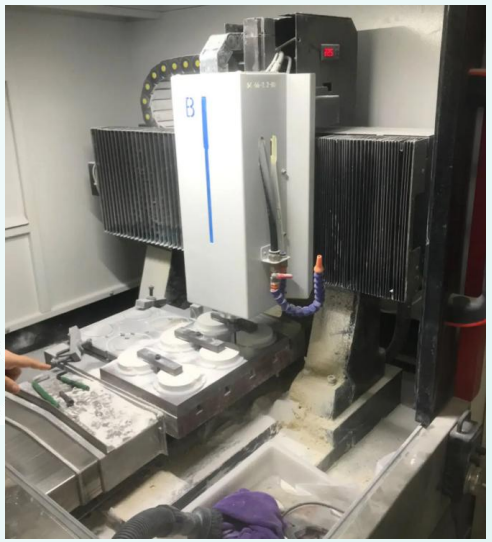
Jeedent is Hangzhou Jideng Medical Technology Co., Ltd.， is a professional manufacturer of dental products integrating R&D, production, and sales, providing support to dental laboratories and clinics worldwide. We have a professional sales and service team to better serve our global customers with expert guidance and tailored solutions.

Factory Introduction

Producing Department

Regulated Production

Printing



Packaging

Shipping

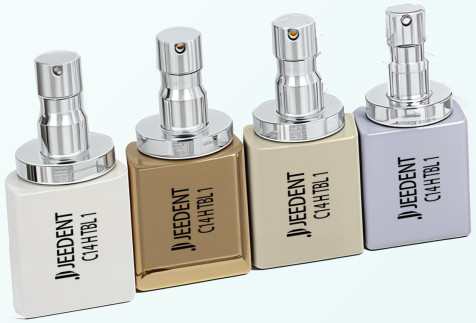
Lithium Disilicate Ceramics Classification

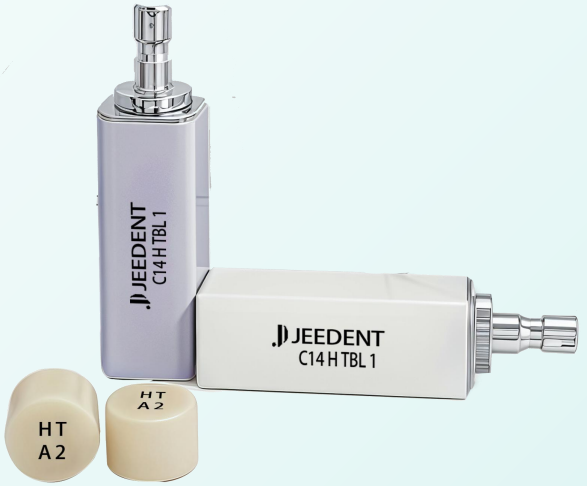
1. Lithium Disilicate

2. Amber Porcelain

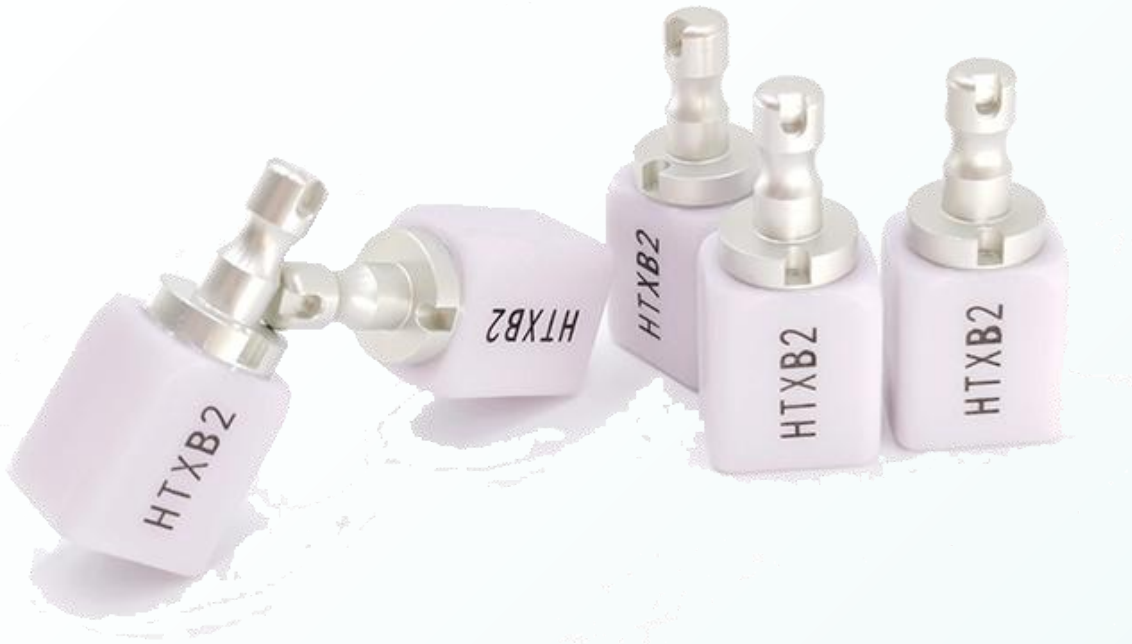
3. Press Porcelain

4. Instant Restoration Lithium Disilicate





Lithium Disilicate



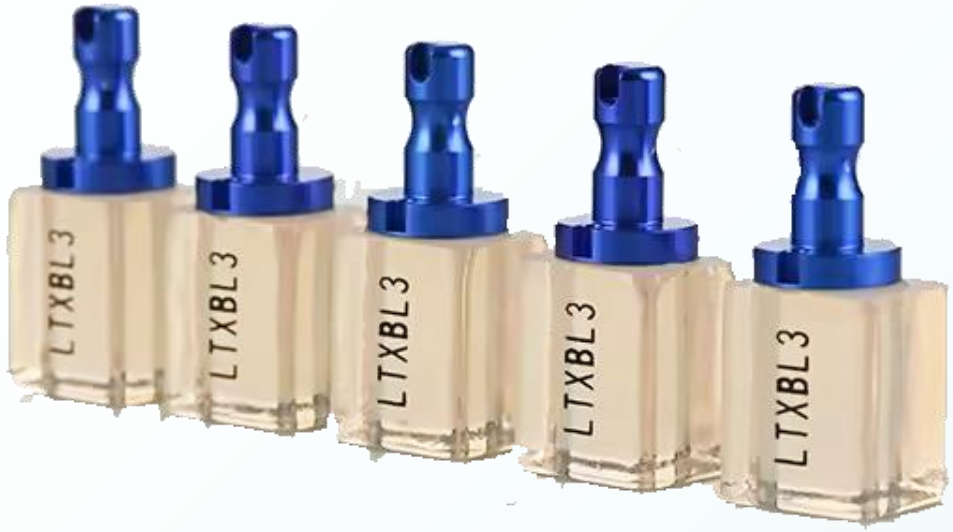
Chemical Composition

SiO_2 (Silicon Dioxide)	58.5% - 72.5%
Li_2O (Lithium Oxide)	13% - 15%
K_2O (Potassium Oxide)	3% - 5%
Other Oxides	7.5% - 25%

Physical Properties

1. **Density**: 2.3-2.6 g/cm³
2. **Density (after sintering)**: 2.4-2.7 g/cm³
3. **Biaxial flexural strength**: ≥480 MPa
4. **Coefficient of thermal expansion**: (10±0.5)×10⁻⁶/K
5. **Transformation temperature**: 500±20℃
6. **Chemical solubility**: <100 μg/cm²
7. **Radioactivity**: ≤1.0 Bq/g

Amber Porcelain



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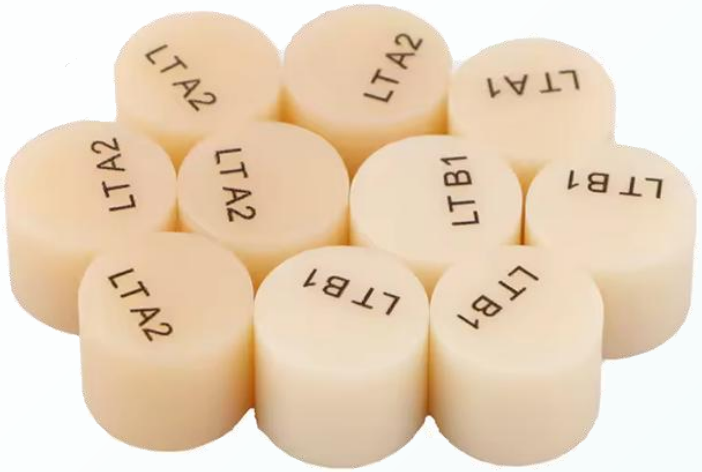
Lithium Disilicate/Amber Porcelain Color

颜色	A1	A2	A3	A3.5	B1	B2	B3	B4	C1	C2	C3
CAD-HT 18-15-13	●	●	●	●	●	●	●	●	●	●	●
CAD-LT 18-15-13	●	●	●	●	●	●	●	●	●	●	●
CAD-HT 40-15-15	●	●	●	●	●	●	●	●	●	●	●
CAD-LT 40-15-15	●	●	●	●	●	●	●	●	●	●	●
CAD-HT 18-15-13（琥珀瓷）	●	●									
CAD-LT 18-15-13（琥珀瓷）	●	●				●					

颜色	C4	D2	D3	D4	BL1	BL2	BL3	BL4	MOX0	HOX0	
CAD-HT 18-15-13		●	●	●	●	●	●	●	●	●	
CAD-LT 18-15-13	●	●	●	●	●	●	●	●			
CAD-HT 40-15-15	●	●	●	●	●	●	●	●			
CAD-LT 40-15-15	●	●	●	●	●	●	●	●			
CAD-HT 18-15-13（琥珀瓷）					●	●	●				
CAD-LT 18-15-13（琥珀瓷）					●	●	●				

Press Porcelain



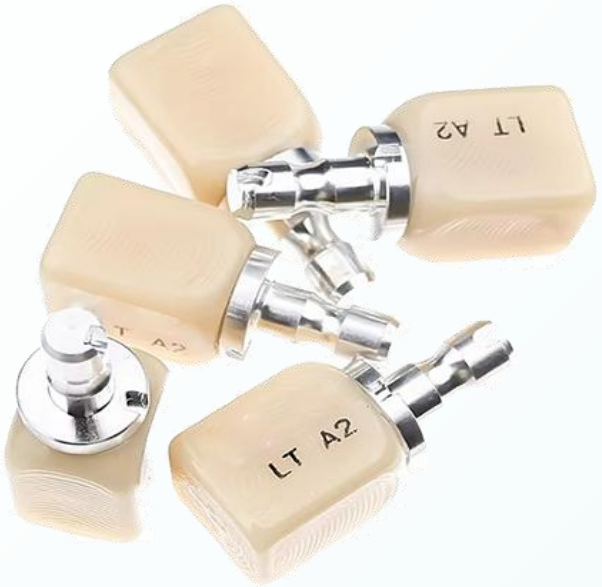
Chemical Composition

SiO_2 (Silicon Dioxide)	58.5% - 72.5%
Li_2O (Lithium Oxide)	13% - 15%
K_2O (Potassium Oxide)	3% - 5%
Other Oxides	7.5% - 25%

Physical Properties

1. **Density**: 2.4 - 2.6 g/cm³
2. **Biaxial Flexural Strength**: ≥ 420 MPa
3. **Coefficient of Thermal Expansion (CTE)**: (10 ± 0.5) × 10^{-6}/K
4. **Transformation Temperature**: 500 ± 20 °C
5. **Chemical Solubility**: < 100 μg/cm²
6. **Radioactivity**: ≤ 1.0 Bq/g

Instant Restoration Lithium Disilicate



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Li_2O (Lithium Oxide)	13% - 15%
K_2O (Potassium Oxide)	3% - 5%
Other Oxides	7.5% - 25%

Physical Properties

1. **Density**: 2.4 - 2.7 g/cm³

2. **Flexural Strength**: ≥ 400 MPa ± 60 MPa (three-point bending); 420 MPa

3. **Fracture Toughness**: ≥ 3.0 MPa·$m^{-1/2}$

4. **Vickers Hardness**: 5400 ± 400 MPa or 6500 MPa

5. **Coefficient of Thermal Expansion**: (8.5 - 11) × 10^{-6}/K, or 9.8 ppm/°C
(measured from 25°C to 500°C)

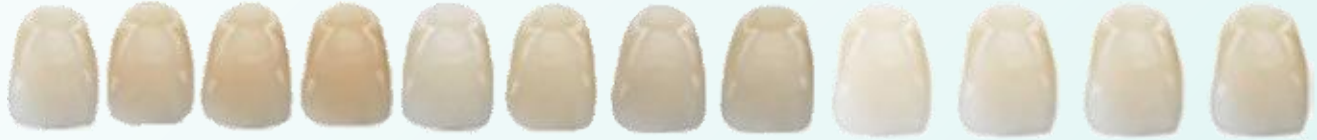
Press Porcelain Color

颜色	A1	A2	A3	A3.5	B1	B2	BL1	BL2	BL3	BL4
press-LT D13*10	●	●	●	●	●	●	●	●	●	●
press-HT D13*10	●	●	●	●	●	●	●	●	●	●

Instant Restoration Lithium Disilicate Color

C14-HT:

C14-LT:



Key Benefits

Lithium Disilicate

1. High flexural strength (~470–595 MPa)

2. Natural translucency

3. Excellent biocompatibility

4. High chemical stability

Press Porcelain

1. Dense microcrystalline structure (flexural strength ~525 MPa)

2. Superior crack resistance

3. High precision

4. Stable color

5. Customizable layering

Key Benefits

Amber Porcelain

1. Exceptional translucency with opalescence

2. Natural and warm shade

3. Ultra-thin (0.2–0.3 mm)

4. Minimal tooth preparation required

5. Low foreign body sensation

Instant Restoration Lithium Disilicate

1. Sintering-free, ready-to-use after milling (saves ~40% time)

2. Resin-free

3. Highly wear-resistant (biaxial flexural strength ~280 MPa)

4. Elastic modulus matches natural teeth

5. Bonds securely with glass ionomer after acid etching

Use Cases

Lithium Disilicate

1. Applicable restorations: Single crowns, veneers, inlays/onlays, anterior 3-unit bridges

2. Compatible with: CAD/CAM milling & pressing

3. Key feature: Balances aesthetics and function

Press Porcelain

1. Applicable restorations: Veneers, inlays/onlays, crowns, anterior bridges

2. Ideal for: Restorations demanding high aesthetics & long-term durability

Use Cases

Amber Porcelain

1. Target application: Anterior aesthetic veneers

2. Suitable for: Patients with high smile line / superior aesthetic demands

3. Design goal: Achieve naturally lifelike, translucent effect

Instant Restoration Lithium Disilicate

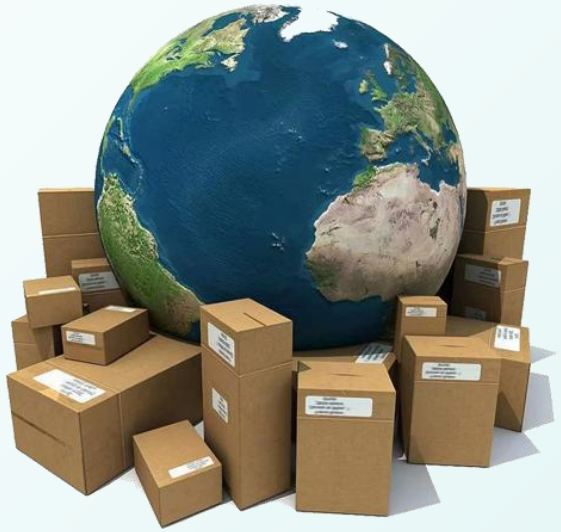
1. Applicable restorations: Chairside immediate restorations, provisional crowns/bridges, small defect repairs

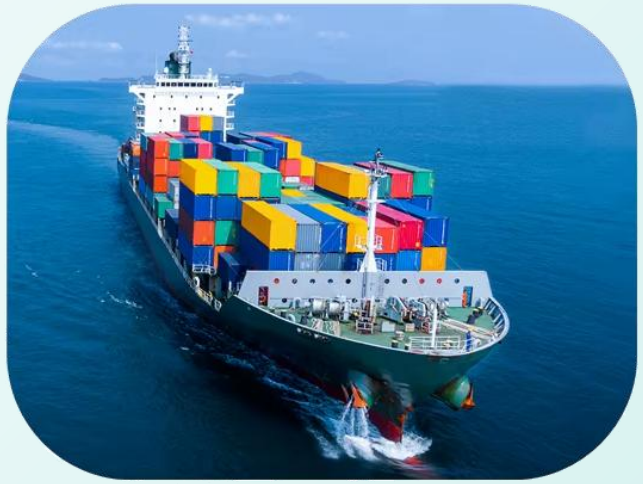
2. Perfect for: Scenarios requiring fast delivery without compromising wear resistance

About US

Shipping

To better ensure the safety of your goods, we will provide professional, environmentally friendly and efficient packaging services. We directly cooperate with DHL, UPS and FedEx, and send your products to you with fast and secure services.

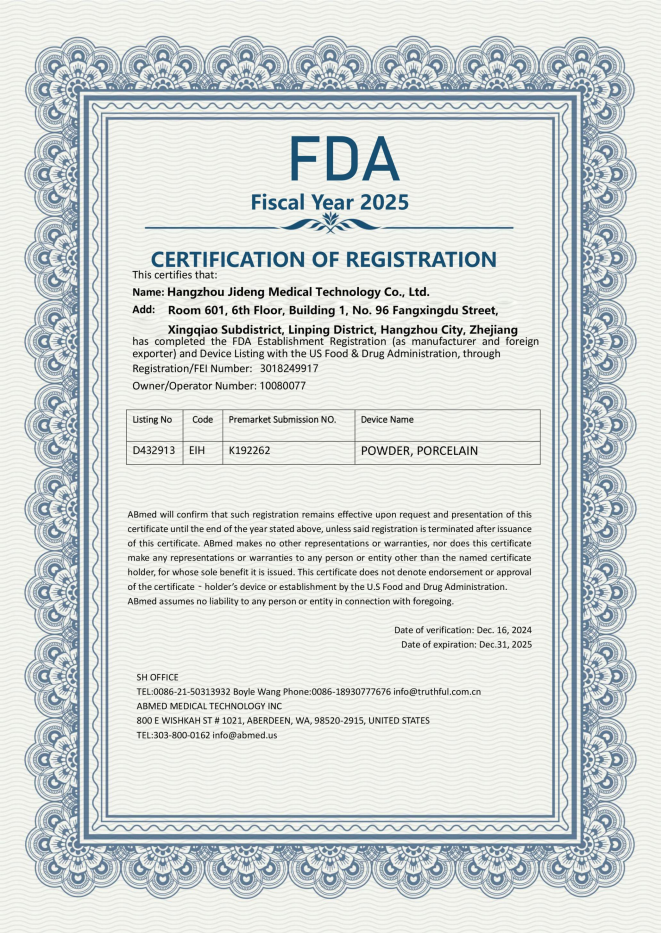




About US

Certificate

We comply with CE 0197 and FDA regulations and are certified to ISO 9001 and ISO 13485 quality management standards.



FDA

Fiscal Year 2025

CERTIFICATION OF REGISTRATION

This certifies that:

Name: Hangzhou Jideng Medical Technology Co., Ltd.

Add: Room 601, 6th Floor, Building 1, No. 96 Fangxingdu Street, Xingqiao Subdistrict, Linping District, Hangzhou City, Zhejiang

has completed the FDA Establishment Registration (as manufacturer and foreign exporter) and Device Listing with the US Food & Drug Administration, through

Registration/FEI Number: 3018249917

Owner/Operator Number: 10080077

Listing No	Code	Premarket Submission NO.	Device Name
D432913	EIH	K192262	POWDER, PORCELAIN

ABmed will confirm that such registration remains effective upon request and presentation of this certificate until the end of the year stated above, unless said registration is terminated after issuance of this certificate. ABmed makes no other representations or warranties, nor does this certificate make any representations or warranties to any person or entity other than the named certificate holder, for whose sole benefit it is issued. This certificate does not denote endorsement or approval of the certificate ~ holder's device or establishment by the U.S Food and Drug Administration. ABmed assumes no liability to any person or entity in connection with foregoing.

Date of verification: Dec. 16, 2024

Date of expiration: Dec.31, 2025

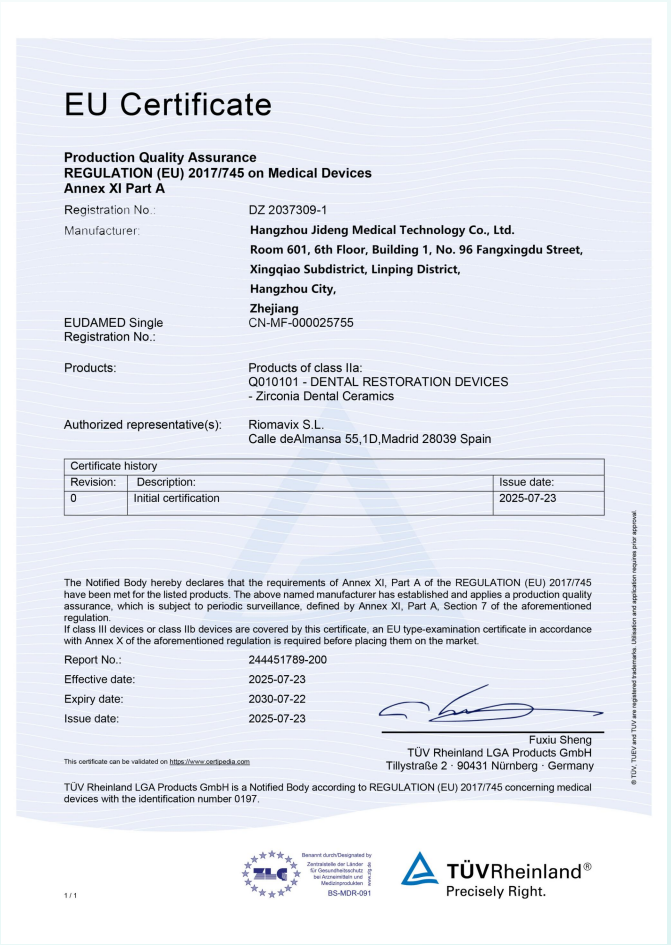
SH OFFICE

TEL:0086-21-50313932 Boyle Wang Phone:0086-18930777676 info@truthful.com.cn

ABMED MEDICAL TECHNOLOGY INC

800 E WISHKAH ST # 1021, ABERDEEN, WA, 98520-2915, UNITED STATES

TEL:303-800-0162 info@abmed.us



EU Certificate

Production Quality Assurance
REGULATION (EU) 2017/745 on Medical Devices
Annex XI Part A

Registration No.: DZ 2037309-1

Manufacturer: **Hangzhou Jideng Medical Technology Co., Ltd.**
Room 601, 6th Floor, Building 1, No. 96 Fangxingdu Street,
Xingqiao Subdistrict, Linping District,
Hangzhou City,
Zhejiang

EUDAMED Single Registration No.: CN-MF-000025755

Products: Products of class IIa:
Q010101 - DENTAL RESTORATION DEVICES
- Zirconia Dental Ceramics

Authorized representative(s): Riomavix S.L.
Calle deAlmansa 55,1D,Madrid 28039 Spain

Certificate history		
Revision:	Description:	Issue date:
0	Initial certification	2025-07-23

The Notified Body hereby declares that the requirements of Annex XI, Part A of the REGULATION (EU) 2017/745 have been met for the listed products. The above named manufacturer has established and applies a production quality assurance, which is subject to periodic surveillance, defined by Annex XI, Part A, Section 7 of the aforementioned regulation.
If class III devices or class IIb devices are covered by this certificate, an EU type-examination certificate in accordance with Annex X of the aforementioned regulation is required before placing them on the market.

Report No.: 244451789-200

Effective date: 2025-07-23

Expiry date: 2030-07-22

Issue date: 2025-07-23

Fuxiu Sheng
TÜV Rheinland LGA Products GmbH
Tillystraße 2 · 90431 Nürnberg · Germany

This certificate can be validated on https://www.certipedia.com

TÜV Rheinland LGA Products GmbH is a Notified Body according to REGULATION (EU) 2017/745 concerning medical devices with the identification number 0197.

1 / 1

Benannt durch/Designated by Zentralstelle der Länder für Gesundheitsschutz bei Arzneimitteln und Medizinprodukten

BS-MDR-091

TÜVRheinland®
Precisely Right.

JEEDENT

Thank you for your attention !

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Whatsapp:+86 18968015464