

Material Certificate for Titanium Grade 4B

acc. to ISO 5832-2 / ASTM B348 & F67

Batch:
17791333

medentis
medical

1. Standards

Material Number	3.7065
EN & DIN	Ti 4
ISO	5832-2
ASTM	B348 and F67
UNS	R50700

2. Info

Customer	medentis medical GmbH
Manufacturing Date	2021-04-15
Batch	17791333
Alloy	CP Ti Grade 4
Size	5.5 mm x 3000mm

3. Chemical Composition

Nitrogen [%]	0.008
Carbon [%]	0.0475
Hydrogen [%]	0.0029
Iron [%]	0.1550
Oxygen [%]	0.3550
Titanium [%]	Balance
Yttrium [%]	< 0.0004
Total Trace Elements	< 0.20

4. Mechanical Properties

Yield Load [kg]	2151
Break Load [kg]	2667
Yield Strength [Mpa]	891
Tensile Strength [Mpa]	1105