

ISO/TR 20811:2017-08 (E)

Optics and photonics - Lasers and laser-related equipment - Laser-induced molecular contamination testing

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Symbols and abbreviated terms	2
5 Test method	2
5.1 Test setup	2
5.1.1 Vacuum chamber	2
5.1.2 Laser source and optical beam line	3
5.2 Setup for data acquisition	3
5.2.1 Beam profile monitoring	3
5.2.2 Measurement of pulse energy and determination of transmission	3
5.2.3 Laser-induced fluorescence monitoring	4
5.3 Test preparation	4
5.3.1 Bakeout	4
5.3.2 Pretreatment of optical samples	4
5.3.3 Blank test	4
5.4 LIMC test	5
5.4.1 Test parameters	5
5.4.2 Individual steps for LIMC test	5
5.5 Evaluation of test results	6
Bibliography	10