

AGREEMENT CERTIFICATE according the European standard EN-60825

By means of this document we certificate that the Laser module model

LND3 Laser Genetics

made by BSA Optics, has been classified in our laboratories according current European standard:

EN-60825

and by extension to the Spanish standard :

UNE-60825

about **Security in radiation of LASER products, equipment qualification and requirements.**

As a result and according our measurement equipment of radiant flow calibrated the 9th of September 2009, model 13PM001 and manufactured by Melles Griot, we obtained an optical power after a pupil of 7mm at 100mm with 0,45mW distance with a divergence of 3,1mrd. With this results we can certify that the obtained LASER belongs to the

2M CLASS

for what must be avoid the direct exposition over the eye, although accidental and momentary exposition is not dangerous, because the response time to close the eyelid in front of a dazzle is less that the needed time to produce damage, and the divergence of the beam in this case, is enough as the density of power which arrives to the eye doesn't affect it.

Each laser module are properly identified with the indication of the laser opening and product class according



Signed in Vilanova I La Geltrú, the 12th of February 2.010

Mr. Antonio Leyva
Operations chief

MONOCROM

AGREEMENT CERTIFICATE according the European standard EN-60825

By means of this document we certificate that the Laser module model

LLND5 Laser Genetics

made by BSA Optics, has been classified in our laboratories according current European standard:

EN-60825

and by extension to the Spanish standard :

UNE-60825

about **Security in radiation of LASER products, equipment qualification and requirements.**

As a result and according our measurement equipment of radiant flow calibrated the 9th of September 2009, model 13PM001 and manufactured by Melles Griot, we obtained an optical power after a pupil of 7mm at 100mm with 0,45mW distance with a divergence of 3,1mrd. With this results we can certify that the obtained LASER belongs to the

2M CLASS

for what must be avoid the direct exposition over the eye, although accidental and momentary exposition is not dangerous, because the response time to close the eyelid in front of a dazzle is less that the needed time to produce damage, and the divergence of the beam in this case, is enough as the density of power which arrives to the eye doesn't affect it.

Each laser module are properly identified with the indication of the laser opening and product class according



Signed in Vilanova I La Geltrú, the 12th of February 2.010

Mr. Antonio Leyva
Operations chief

MONOCROM