

## Part I: Instrument Details

### Instrument Configuration:

Instrument Details	Set Values for Validation
<b>Environment temperature (laboratory temp.)</b>	24°C ± 3°C
<b>Diffractometer:</b> D2 PHASER	Tube Power: 30kV / 10 mA
<b>Vertical goniometer:</b>	D2 PHASER, diameter 282.2mm, Theta/Theta
<b>Sample stage:</b>	Standard Rotating
<b>Monochromatisation:</b>	
Kβ-Filter <input checked="" type="checkbox"/>	Nickel filter
<b>Slits:</b>	
Fixed divergence / anti-scatter slit <input checked="" type="checkbox"/>	1mm
Primary / secondary axial Soller slit <input checked="" type="checkbox"/>	2.5°
Receiving slit <input checked="" type="checkbox"/>	0.2 mm
Air Scatter Screen	no
<b>Detector:</b>	
Scintillation counter <input type="checkbox"/>	Nickel filter
LYNXEYE <input checked="" type="checkbox"/>	0.5 Nickel filter, Detector opening: 5° (see DOC-M88-EXX095 User Manual LYNX-EYE)
XFlash detector <input type="checkbox"/>	Set ROI to Cu-Kα line

### Comments:

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