**Raw data**

- **Sample**: 908CoAl2O4
- **File**: 908CoAl2O4.raw
- **Comment**: 4min 10-90 run
- **Date**: November-17-09 16:19:51
- **Operator**: hoff

**X-ray**: Cu / 30 kV / 15 mA
- **Goniometer**: MiniFlex2 goniometer
- **Attachment**: Miniflex 6 sample changer
- **Filter**: Not used
- **I.Monocho**: Not used
- **C.Monocho**: Fixed Monochromator
- **DivSlit +**: 1.25 deg.
- **RecSlit**: 0.3mm
- **SetSlit**: 1.25 deg.
- **Monochro RS**: 0.8mm

**Counter**: MiniFlex2 counter
- **Scan mode**: Continuous
- **Scan speed**: 20.000 deg./min.
- **Sampling width**: 0.020 deg.
- **Scan axis**: 2theta/theta
- **Scan range**: 10.000 -> 90.000 deg.
- **Theta offset**: 0.000 deg.

**Memo**: 

![Intensity (cps) vs 2theta (deg.) graph](image-url)
### Raw data, Smoothing, Background subtraction, Ka2 elimination

<table>
<thead>
<tr>
<th>Sample</th>
<th>908CoAl2O4</th>
<th>File</th>
<th>908CoAl2O4.raw</th>
<th>Date</th>
<th>November-17-09 16:19:51</th>
<th>Operator</th>
<th>hoff</th>
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<td>Memo</td>
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#### Smoothing
- Smoothing Points:

#### Background subtraction
- Peak max. width:
- Peak min. height:

#### Ka2 elimination
- Intensity ratio (Ka2/Ka1):

---

### Raw data

**Intensity (cps)**

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### Background subtraction

### Ka2 elimination

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**Smoothing**

---

**Ka2 elimination**

---
**Peak Search**

Sample : 908CoAl2O4  
File : 908CoAl2O4.raw  
Date : November-17-09 16:19:51  
Operator : hoff

Comment : 4min 10-90 run  
Memo : 
Method : 2nd differential  
Typical width : 0.140 deg.  
Min. height : 200.00 cps

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