

Inspection Certificate

Abnahmeprüfungszeugnis DIN EN 10204.3.1

Certificat De reception

Certificado di collaudo

Keuringsrapport



| | | | |
|---------------------|------------|--------------|----------------------------|
| Batch Number | 2302007 | Product Name | Spotcheck SKD-S2 Developer |
| Date of Manufacture | 28/02/2023 | B.B.E. | 02/2028 |

Specification: Specification

We hereby certify that when tested at the time of manufacture, the above material:

1. Meets the requirements of and has been tested for sulfur and halogens according to:

a) ASME Boiler and Pressure Vessel Code, 2021 Edition, Section V, Non-destructive Examination.

b) Anion analysis by ASTM D129 decomposition followed by Ion Chromatography method Annex A4.

c) ASTM E-165/E-165M-18, Paragraph 7.1.

d) MIL-STD-2132E, March 29, 2016, Paragraph 6.1.3.

2. Meets the requirements of EN ISO 3452-1, EN ISO 3452-2, SAFRAN Pr 5000 / In 5000D, AMS 2644H and ASTM E 1417/E 1417M-21 Paragraph 5.1 & 6.5.1.

3. We further certify that the material does not contain mercury as a basic element and no mercury bearing equipment was used in its manufacture.

| Test | Section | Limit | Result |
|---------------|---------|-------|--------|
| Specification | | | Passed |

Specification: Ion Test Results

Test results obtained were as follows:

| Test | Section | Limit | Result |
|-----------------|---------|-------|---------|
| Halogen Content | | | 143 ppm |
| Sulphur Content | | | 10 ppm |

Specification: AMS 2644H Developer Results

When sampled and tested according to paragraph 4.3.2 section 4.2.2.3 of AMS 2644H the following results were obtained:

| Test | Section | Limit | Result |
|---------------------------------------|----------|-------|--------|
| Developer Fluorescence | 3.3.10.2 | | Passed |
| Developer Removability | 3.3.10.4 | | Passed |
| Redispersibility (Forms c,d & e only) | 3.3.10.5 | | Passed |

Specification: EN ISO 3452-2

When tested at the time of manufacture the following results were obtained. The information is derived from our quality checks. It does not relieve the purchaser from examining the product upon delivery and gives no assurance of the product for any particular purpose.

| Test | Section | Limit | Result |
|-------------------------------------|-----------------------|---------------------------------|-------------------------|
| Appearance | 6.1 in EN ISO 3452-2 | Equal to standard | Passed |
| Sensitivity for ISO 3452-2 (SMT 58) | 6.2 in EN ISO 3452-2 | Equal to standard | Passed |
| Developer Performance | 6.15 in EN ISO 3452-2 | Equal to standard | Passed |
| Re-Dispersion | 6.16 in EN ISO 3452-2 | Readily Dispersed | Passed |
| Density of Carrier Fluid | 6.17 in EN ISO 3452-2 | 0.850 – 0.910 g/cm ³ | 0.876 g/cm ³ |
| Corrosive Properties | 6.11 in EN ISO 3452-2 | No Corrosion on Magnesium Alloy | Passed |
| Solid Content (SMT 28) | 6.13 in EN ISO 3452-2 | 14.5 % – 16.5 % w/w | 14.81 % |

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Prepared by

A handwritten signature in black ink, appearing to be 'D. J. ...'.

Approved by

A handwritten signature in black ink, appearing to be 'J. H. ...'.

Notes:

1. Our batch number appears on the label of bulk containers. Aerosols have batch numbers printed on bottom of the container.
2. Most specifications require test results stated in percent, but some require parts per million (ppm). To convert "percent" figures to "parts per million" move the decimal four places to the right.
3. MIL-STD-271, MIL-STD-2132 and ASME Sec V, all require that materials be subject to a procedure to evaporate off volatile solvents before analysis for Sulfur and Halogens. According to these specifications, only those residues higher than 0.005 g/100ml shall be analysed for Sulfur and Halogens. Lower residues shall be reported.
4. The above certification gives the results obtained at the time of manufacture. Age and use may alter the properties of any material.

FORMAT: MX 101.137 MC-09 Rev 24

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