Inspection Certificate
Abnahmeprüfungszeugnis DIN EN 10204.3.1
Certificat De reception
Certificado di collaudo
Keuringsrapport

Batch Number	**2209001**	**Product Name**	Spotcheck SKD-S2 Developer
Date of Manufacture	21/09/2022	**B.B.E.**	09/2027

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, 2019 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			79 ppm
Sulphur Content			33 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/cm3	0.876 g/cm3
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	15.08 %

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Prepared by

Approved by

Notes:

1. Our batch number appears on the label of bulk containers. Aerosols have batch numbers printed on bottom of the container. Bulk materials have a minimum shelf life of 5 years from date of manufacture. Aerosols have a minimum shelf life of 3 years from date of manufacture.
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.

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