

Certificate of Analysis

(acc. to EN ISO 3452-2)

Product: NORD-TEST U89 Developer
 Ref.-No.: 121.300.701 in 500 ml spray can
 Batch No.: R42530
 Shelf life: 02/2028

Individual Quality	Determination acc. to EN ISO 3452-2 Section:	Requirements	Results
Appearance	6.1	Shall be same as that of the type test material	Requirement met
Sensitivity	6.2	Penetrant system II/III A e / C2 e NORD-TEST U88, Ch. Nr.: 42120 NORD-TEST ROT 3000, Ch. Nr.:42308 NORD-TEST Reiniger U87, Ch. Nr.:R42314	Sensitivity level 2
Flash point in a closed cup (DIN 51755/51758)	6.5	In case of the batch test 5°C of the sample test material at a maximum	4°C, Requirement met
Corrosive Performance	6.11	For aluminum alloy EN AW 7075, magnesium alloy AZ -31B and steel 30CrMo4: No stains, pitting, sings of corrosion (10-fold magnification)	Requirement met
Sulphur content	6.12	< (200±10) ppm	90 ppm Requirement met
Chloride-/ Fluoride content	6.12	< (200±10) ppm	66 ppm Requirement met
Portion fo the dry matter (only for Form d and e)	6.13	In case of the batch test ±10% of the sample test material at a maximum	14,6 g Requirement met
Performance of the Developer (except for Form e)	6.15	Fine, even, non-reflecting or fluorescent top coat/increase in the perceptibility of the indications	Requirement met
Dispersivity (only for Form c and d)	6.16	Solid matters should quickly redisperse upon shaking (in the case of aerosol cans after 30s at the latest)	Requirement met
Specific gravity of the carrier liquid (only for Form d)	6.17	In case of the batch test ±5% of the sample test material at a maximum	0,7845 g/cm ³ Requirement met
Particle size distribution	6.19	Indication of the diameter 10% < d _l 50% > d _a and 50% < d _a 10% > d _u	d _l =0,49 µm d _a =2,03 µm d _u =5,45 µm Requirement met

Heidgraben, 21.02.2024

Dipl.-Ing A. AL-Ajeel


