

Certificate of Analysis

Product: AZ EBR 70/30
Material No.: 5.60860.9381
Production Date: 10.06.2025
Expiration Date: 10.06.2026

Customer Mat. No: 324700011157.
Lot No.: KR676020
CoA Issue Date: 30.06.2025

Test Parameter	Unit	Specification	Result
Solvent PGME	wt %	69.00 - 71.00	70.05
Solvent PGMEA	wt %	29.00 - 31.00	29.95
Solvent Beta-isomer	wt %	max. 0.20	0.01
Water content	wt %	max. 0.05	0.01
Residue after evaporation	ppm	max. 5.00	2.20
Refractive index (at 20°C)		1.401 - 1.403	1.402
Particle (>0.2µm)	ea/ml	max. 500	18
Particle (>0.5µm)	ea/ml	max. 50	1
Viscosity (at 25°C)	cSt	1.42 - 1.52	1.47
Specific gravity (at 25°C)		0.925 - 0.935	0.930
Metal Ion Na	ppb	max. 10.0	< 0.1
Metal Ion Fe	ppb	max. 10.0	< 0.1
Metal Ion K	ppb	max. 5.0	< 0.1
Metal Ion Ca	ppb	max. 5.0	< 0.1
Metal Ion Cu	ppb	max. 5.0	< 0.1
Metal Ion Mn	ppb	max. 5.0	< 0.1
Metal Ion Mg	ppb	max. 5.0	< 0.1
Metal Ion Al	ppb	max. 5.0	< 0.1
Metal Ion Ni	ppb	max. 5.0	< 0.1
Metal Ion Cr	ppb	max. 5.0	< 0.1
Metal Ion Zn	ppb	max. 5.0	0.1
Metal Ion Sn	ppb	max. 5.0	< 0.1

We hereby certify that the above results were obtained in accordance with our standard methods of testing for the product and batch number indicated above. Results may vary under other test methods or conditions.

Byungryul Jun

Quality Control Department

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