



BdV Behrens GmbH

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CERTIFICATE OF ANALYSIS #62745

(as received from our supplier)

Product : Chlorinated Paraffin 52% (Paychlor D52)
Lot No. : CP-298
Manuf. date : June 2019
Expiry date : May 2021
Total Quantity : 21.200 kg net
Container : MSKU 344 769-9

Analysis Parameters	Method	Specification	Results
Appearance (at 25°C.)		White to Yellow Viscous Liquid	White to Yellow Viscous Liquid
Colour (Hazen Units) max.	ASTM-D-1045	60HU	50HU
Specific Gravity (at 25°C)	ASTM-D-1045	1.28±0.02	1.277
Viscosity at 25°C ("Poise" Unit)	Brookfield Viscometer ASTM-D-445	12-35	24.00
Chlorine Content (CL ₂) w/w% max.	ISI-1448-77	52±2.0	51.7
Volatile Loss@180°C/4hrs w/w% max.	PPPL/QC/FP-1.7	1.5	1.3
Heat Stability @180°C/20min.	PPPL/QC/FP-1.9	Yellow	Yellow
Thermal Stability @175°C/4hrs (As Hydrochloric Acid) %	PPPL/QC/FP-1.8	0.10	0.09
Free Mineral Acid w/w% max. (As Hydrochloric Acid) %	PPPL/QC/FP-1.5	0.001	0.0009
Free Chlorine, PPM	ISI-9189-79	Nil	Nil
pH Value, min.	PPPL/QC/FP- 1.11	6	6.1