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Specification sheet

Product code	LA3076
CAS number	175923-07-6
Product name	Tris[N-N-bis(trimethylsilyl)amide]lanthanum(III)
Purity	98%
Metal purity	99.9%-La
Purity method	by titration: %La=21.7-23.0 (complexometric)
Molecular weight	620.06 g/mol
Form	solid
Appearance	white to off-white powder or crystals
Melting point	149-152 °C (300-306 °F)
Flash point	2.2 °C (36.0 °F) – closed cup
Sensitivity	moisture, heat, direct sunlight
Molecular formula	$C_{18}H_{54}LaN_3Si_6$
Linear formula	$La(N[Si(CH_3)_3]_2)_3$