strict-sorted[0,22]

$\forall T$:Type.
$T \subseteq \rho\ \mathbb{Z} \Rightarrow (\forall as{:}T\ \text{List}.\ \text{sorted}(as)\ \&\ \text{no_repeats}(T;as) \Leftrightarrow (\forall i{:}\mathbb{N}_{<\|as\|},\ j{:}\mathbb{N}_{<i}.\ as[j]<as[i]))$

http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/p24_147139_{strict-sorted}.html